LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120617\
Data File : BM013236.D
Acq On : 07 Dec 2017 07:03
Operator : SJ/JU
Sample : I6713-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE1B2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.246	361	367	374	rBV	439647	632984	2.05%	0.188%
2	5.716	440	447	455	rBV	1476591	2234462	7.25%	0.665%
3	6.881	635	645	661	rVB2	1406643	2968830	9.63%	0.883%
4	7.046	665	673	679	rBV	1050106	1601084	5.19%	0.476%
5	7.240	699	706	713	rVB	1501848	2336864	7.58%	0.695%
6	7.340	716	723	731	rVV5	212310	346986	1.13%	0.103%
7	7.704	778	785	792	rBV	1564901	2458350	7.98%	0.731%
8	8.145	854	860	867	rBV	312559	491066	1.59%	0.146%
9	8.410	897	905	911	rBV	1844047	2960735	9.60%	0.881%
10	8.857	974	981	988	rBV	1410440	2278738	7.39%	0.678%
11	9.092	1015	1021	1028	rVB	213815	335014	1.09%	0.100%
12	9.575	1095	1103	1109	rBV	1222050	2038210	6.61%	0.606%
13	10.110	1185	1194	1201	rBV	1970681	3165934	10.27%	0.942%
14	10.486	1248	1258	1262	rBV	2062845	3646609	11.83%	1.085%
15	10.534	1262	1266	1274	rVB	4377285	7148132	23.19%	2.127%
16	10.622	1274	1281	1292	rBV2	1092821	2184445	7.09%	0.650%
17	12.151	1534	1541	1548	rVB	1720437	2643695	8.58%	0.787%
18	12.369	1567	1578	1588	rVB	835143	1443796	4.68%	0.430%
19	13.169	1708	1714	1720	rBV	644724	1002682	3.25%	0.298%
20	13.369	1743	1748	1759	rVB	189709	392174	1.27%	0.117%
21	13.522	1763	1774	1780	rBV2	273963	762295	2.47%	0.227%
22	13.657	1791	1797	1803	rBV	328663	619681	2.01%	0.184%
23	13.716	1803	1807	1810	rVV2	262332	384077	1.25%	0.114%
24	13.763	1810	1815	1819	rVV	2867433	4297897	13.94%	1.279%
25	13.810	1819	1823	1830	rVB	836159	1259186	4.08%	0.375%
26	13.898	1831	1838	1842	rBV3	176311	367111	1.19%	0.109%
27	14.039	1851	1862	1875	rBV	3534618	5797751	18.81%	1.725%
28	14.251	1893	1898	1903	rVB	262388	348365	1.13%	0.104%
29	14.345	1903	1914	1921	rBV3	2884764	5443504	17.66%	1.620%
30	14.410	1921	1925	1933	rVV	2102538	3120614	10.12%	0.928%
31	14.563	1944	1951	1960	rBV	1388048	2310059	7.49%	0.687%
32	14.745	1975	1982	1991	rVB	1815582	2733983	8.87%	0.813%
33	15.251	2064	2068	2074	rBV	307569	435757	1.41%	0.130%
34	15.345	2077	2084	2088	rVV	4152410	5907750	19.17%	1.758%

LSC Area Percent Report

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Data File : BM013236.D
Acq On : 07 Dec 2017 07:03
Operator : SJ/JU
Sample : I6713-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE1B2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Title : SVOA CALIBRATION

35	15.398	2088	2093	2101	rVB	1834449	2570575	8.34%	0.765%
36	15.469	2101	2105	2110	rBV	634700	866661	2.81%	0.258%
37	15.521	2110	2114	2118	rBV3	307436	452596	1.47%	0.135%
38	15.651	2132	2136	2139	rBV2	333803	442985	1.44%	0.132%
39	15.692	2139	2143	2145	rVV	293265	424054	1.38%	0.126%
40	15.721	2145	2148	2153	rVB	662900	898425	2.91%	0.267%
41	15.792	2155	2160	2163	rVV	1117229	1619802	5.25%	0.482%
42	15.827	2163	2166	2169	rVV2	818607	1123959	3.65%	0.334%
43	15.868	2169	2173	2178	rVB2	509098	934332	3.03%	0.278%
44	16.098	2201	2212	2216	rVV	5715121	8718594	28.28%	2.594%
45	16.133	2216	2218	2222	rVV	803276	1031365	3.35%	0.307%
46	16.192	2222	2228	2232	rVV	13076338	17877205	58.00%	5.319%
47	16.257	2232	2239	2244	rVV2	16246695	30824944	100.00%	9.171%
48	16.310	2244	2248	2253	rVV2	13133922	20989491	68.09%	6.245%
49	16.357	2253	2256	2260	rVV	8090848	9593135	31.12%	2.854%
50	16.410	2260	2265	2267	rVV	4050133	6680819	21.67%	1.988%
51	16.433	2267	2269	2271	rVV	3633328	4473754	14.51%	1.331%
52	16.457	2271	2273	2277	rVV2	4355425	4826725	15.66%	1.436%
53	16.516	2277	2283	2289	rVV4	9285632	18432991	59.80%	5.484%
54	16.580	2289	2294	2297	rVV	10436658	14467687	46.93%	4.305%
55	16.616	2297	2300	2302	rVV	3669863	5099788	16.54%	1.517%
56	16.651	2302	2306	2312	rVB2	6481104	9262664	30.05%	2.756%
57	16.704	2312	2315	2320	rVB2	315253	398283	1.29%	0.119%
58	16.763	2320	2325	2327	rBV	471313	690424	2.24%	0.205%
59	16.786	2327	2329	2333	rVB	342656	406493	1.32%	0.121%
60	16.863	2338	2342	2344	rVV2	556145	920914	2.99%	0.274%
61	16.904	2344	2349	2354	rVV2	1121435	2459104	7.98%	0.732%
62	16.945	2354	2356	2359	rVV	431383	558331	1.81%	0.166%
63	16.980	2359	2362	2365	rVV2	534606	770290	2.50%	0.229%
64	17.010	2365	2367	2372	rVB	385773	504072	1.64%	0.150%
65	17.098	2376	2382	2385	rVV2	3119399	4566078	14.81%	1.359%
66	17.145	2385	2390	2394	rVV	8616632	11814360	38.33%	3.515%
67	17.198	2394	2399	2402	rVV	4325399	6209071	20.14%	1.847%
68	17.233	2402	2405	2410	rVV	1947999	2513085	8.15%	0.748%
69	17.286	2410	2414	2421	rVB3	168012	318255	1.03%	0.095%
70	17.498	2446	2450	2454	rVB	573674	751831	2.44%	0.224%
71	17.698	2481	2484	2488	rVB	277030	360123	1.17%	0.107%

LSC Area Percent Report

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Data File : BM013236.D
Acq On : 07 Dec 2017 07:03
Operator : SJ/JU
Sample : I6713-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE1B2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Title : SVOA CALIBRATION

72	17.968	2526	2530	2532	rBV	495845	623633	2.02%	0.186%
73	18.004	2532	2536	2544	rVB2	3179798	4683229	15.19%	1.393%
74	18.098	2549	2552	2556	rVV	317982	425899	1.38%	0.127%
75	18.162	2558	2563	2567	rVV2	931457	1663553	5.40%	0.495%
76	18.198	2567	2569	2575	rVB	374800	486689	1.58%	0.145%
77	18.474	2612	2616	2619	rBV	438431	568473	1.84%	0.169%
78	18.515	2619	2623	2628	rVB2	380592	543163	1.76%	0.162%
79	18.892	2684	2687	2691	rVB	274164	331786	1.08%	0.099%
80	19.080	2716	2719	2724	rVB2	350279	443829	1.44%	0.132%
81	19.157	2727	2732	2740	rVV	7069559	9259584	30.04%	2.755%
82	19.286	2750	2754	2765	rBV2	2561760	3550293	11.52%	1.056%
83	19.492	2784	2789	2791	rBV2	4676554	6536178	21.20%	1.945%
84	19.521	2791	2794	2802	rVB2	5268223	9989421	32.41%	2.972%
85	20.015	2875	2878	2891	rVB3	913532	1810119	5.87%	0.539%
86	20.527	2962	2965	2970	rBV2	673155	910509	2.95%	0.271%
87	20.645	2982	2985	2989	rVB	1001893	1090233	3.54%	0.324%
88	20.762	3002	3005	3011	rVB2	633617	1050979	3.41%	0.313%
89	20.986	3040	3043	3053	rVB3	2062976	4146916	13.45%	1.234%
90	21.203	3077	3080	3085	rVB	1285538	1397380	4.53%	0.416%
91	21.280	3087	3093	3097	rVV2	3510495	7194527	23.34%	2.141%
92	21.321	3097	3100	3108	rVB	2154604	2729352	8.85%	0.812%
93	21.503	3129	3131	3135	rVB	937173	999990	3.24%	0.298%
94	23.380	3446	3450	3454	rBV2	1685953	2679949	8.69%	0.797%
95	23.521	3471	3474	3479	rVB2	1311751	2029479	6.58%	0.604%

Sum of corrected areas: 336097248

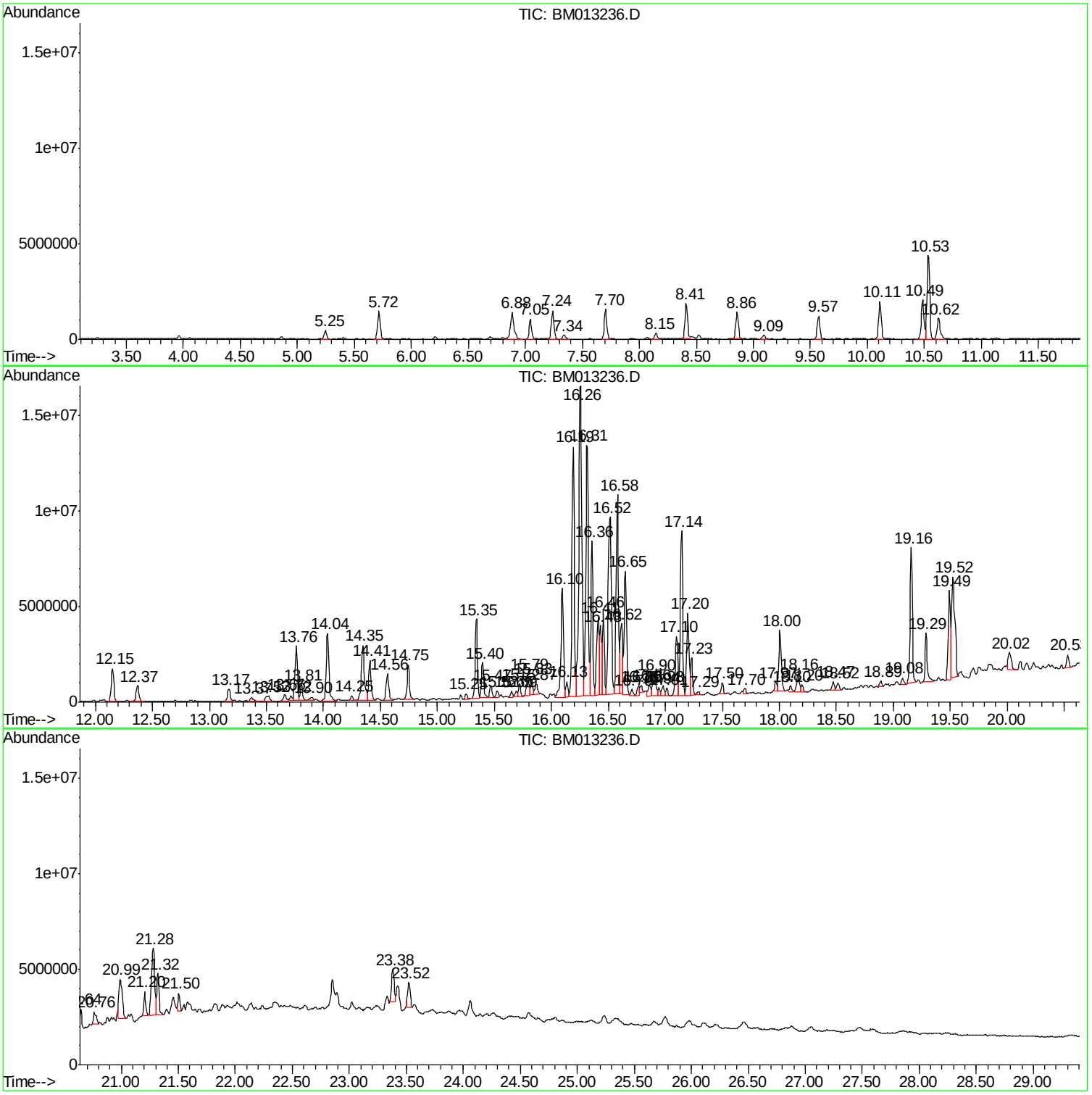
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120617\
Data File : BM013236.D
Acq On : 07 Dec 2017 07:03
Operator : SJ/JU
Sample : I6713-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE1B2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120617\
Data File : BM013236.D
Acq On : 07 Dec 2017 07:03
Operator : SJ/JU
Sample : I6713-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE1B2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

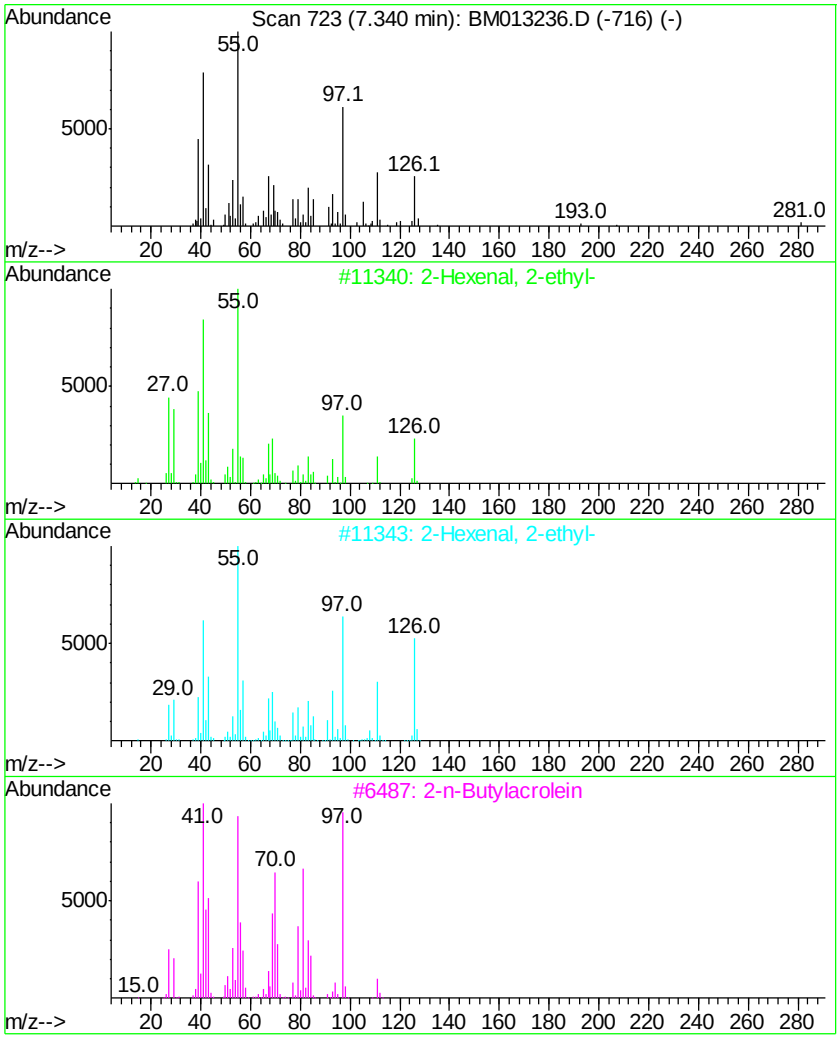
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

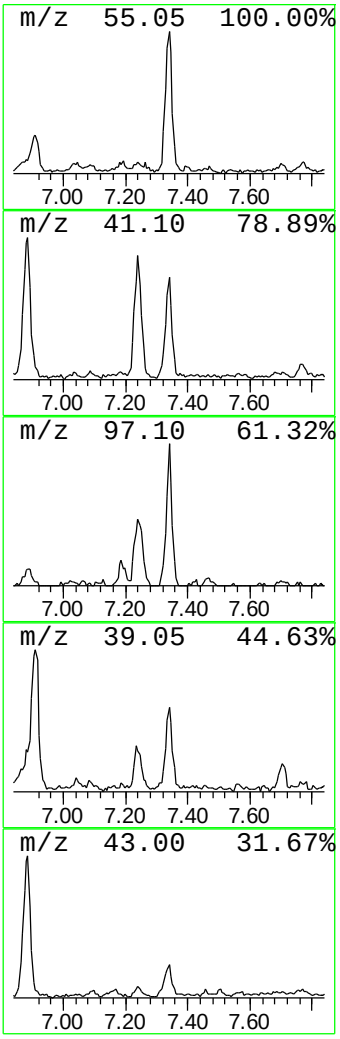
****

Peak Number 3 2-Hexenal, 2-ethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.34	2.82 ng/ul	346986	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexenal, 2-ethyl-	126	C8H14O	000645-62-5	64
2	2-Hexenal, 2-ethyl-	126	C8H14O	000645-62-5	55
3	2-n-Butylacrolein	112	C7H12O	001070-66-2	47
4	2-Hexenal, 2-ethyl-	126	C8H14O	000645-62-5	46
5	7-Oxabicyclo[4.1.0]heptan-2-one,...	126	C7H10O2	021889-89-4	43





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120617\
Data File : BM013236.D
Acq On : 07 Dec 2017 07:03
Operator : SJ/JU
Sample : I6713-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE1B2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

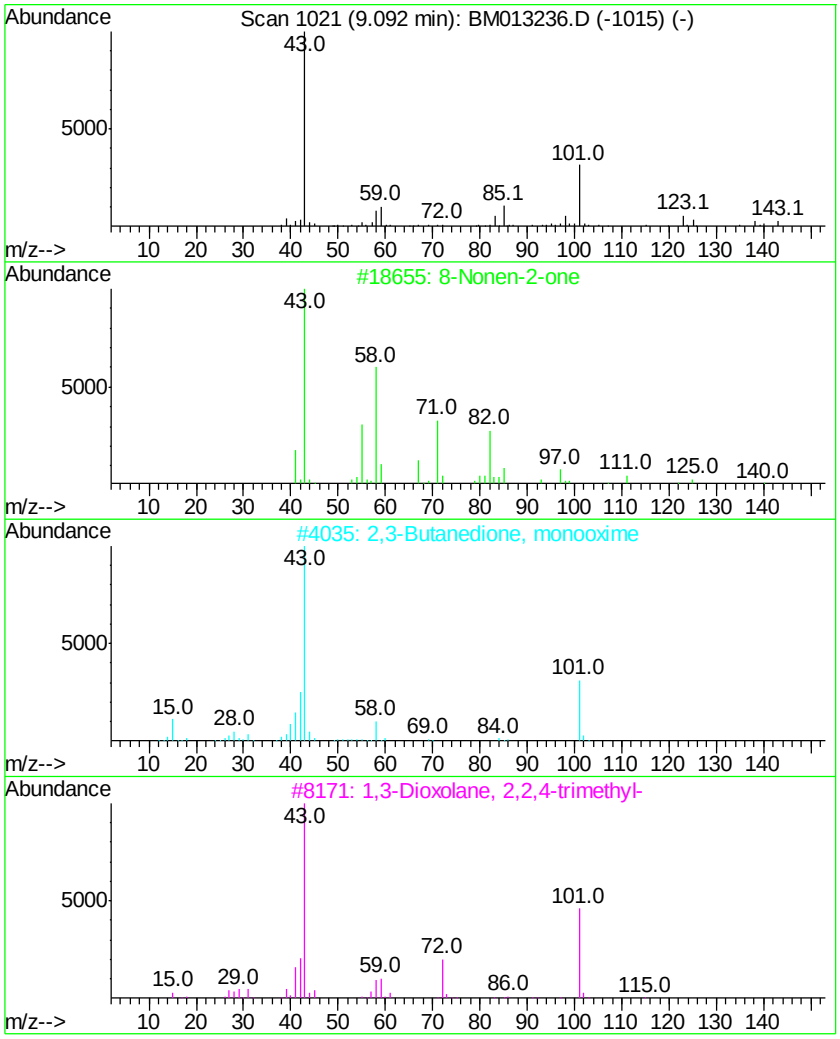
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

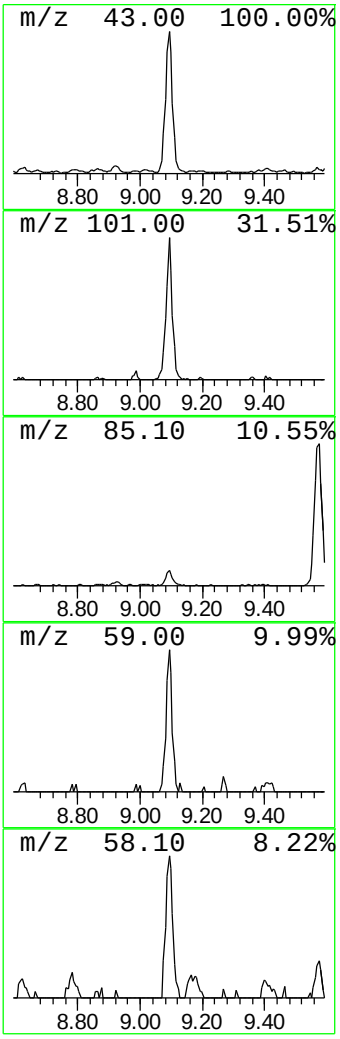
****

Peak Number 4 unknown-01 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	2.73 ng/ul	335014	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Nonen-2-one	140	C9H16O	005009-32-5	25
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	23
3	1,3-Dioxolane, 2,2,4-trimethyl-	116	C6H12O2	001193-11-9	23
4	.alpha.-Hydroxyisobutyric acid, ...	146	C6H10O4	1000374-31-3	12
5	6-Heptyn-2-one, 4,4-dimethyl-	138	C9H14O	017520-15-9	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120617\
Data File : BM013236.D
Acq On : 07 Dec 2017 07:03
Operator : SJ/JU
Sample : I6713-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE1B2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

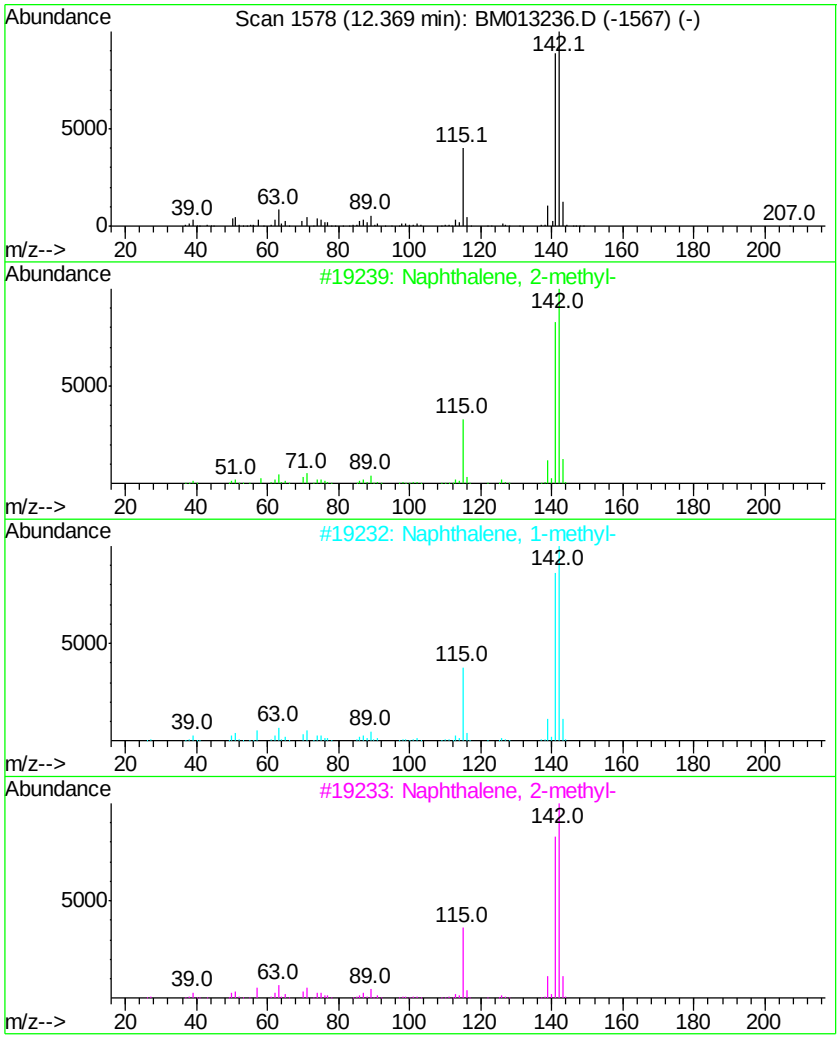
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

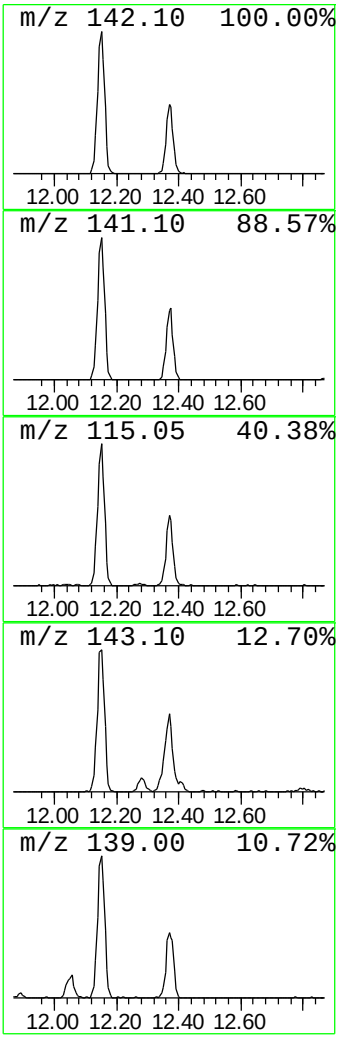
****

Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	7.92 ng/ul	1443800	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120617\
Data File : BM013236.D
Acq On : 07 Dec 2017 07:03
Operator : SJ/JU
Sample : I6713-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE1B2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

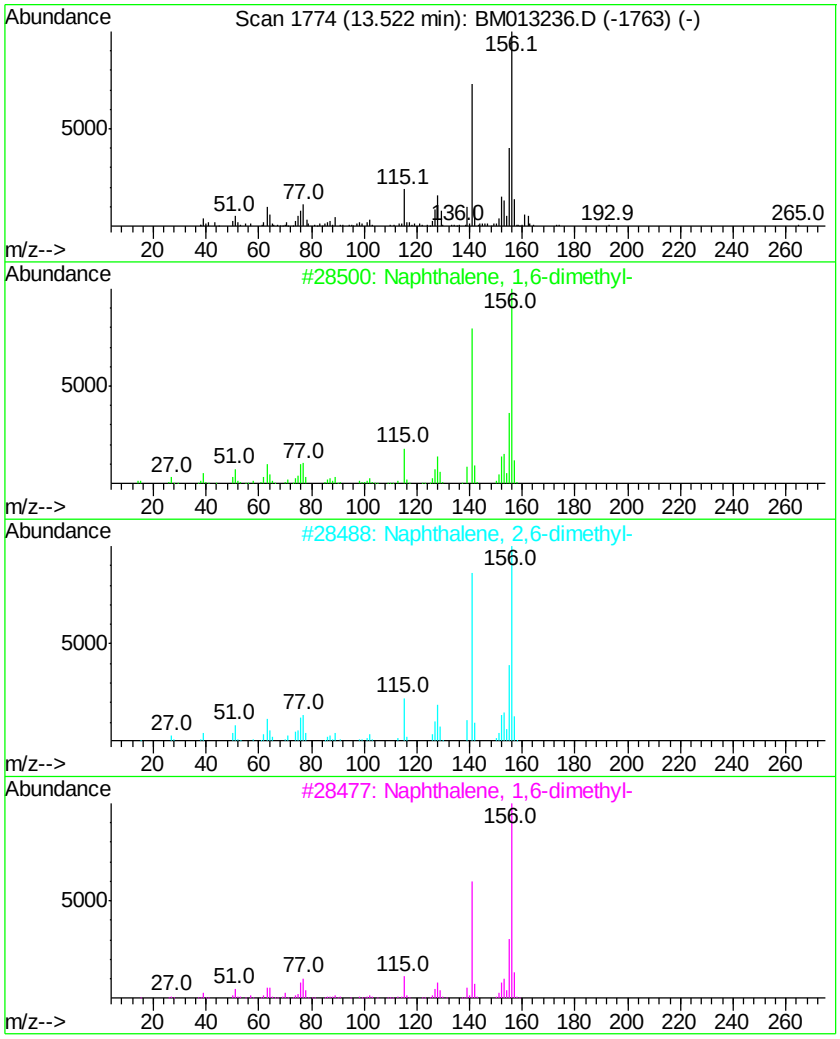
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

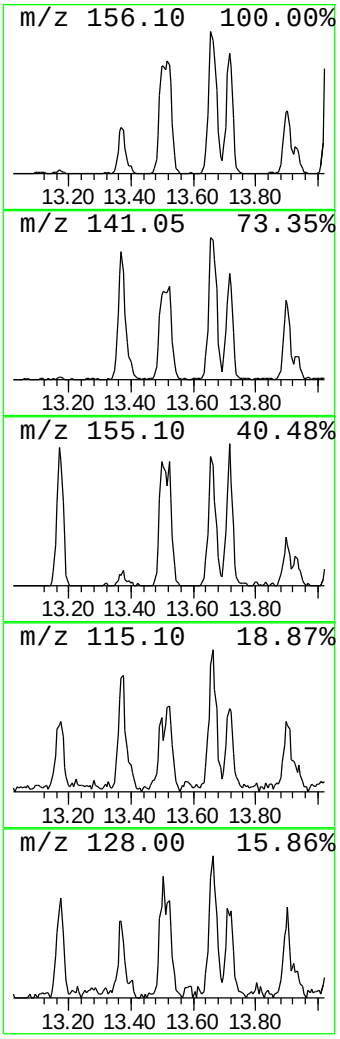
****

Peak Number 6 Naphthalene, 1,6-dimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	2.80 ng/ul	762295	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120617\
Data File : BM013236.D
Acq On : 07 Dec 2017 07:03
Operator : SJ/JU
Sample : I6713-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE1B2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

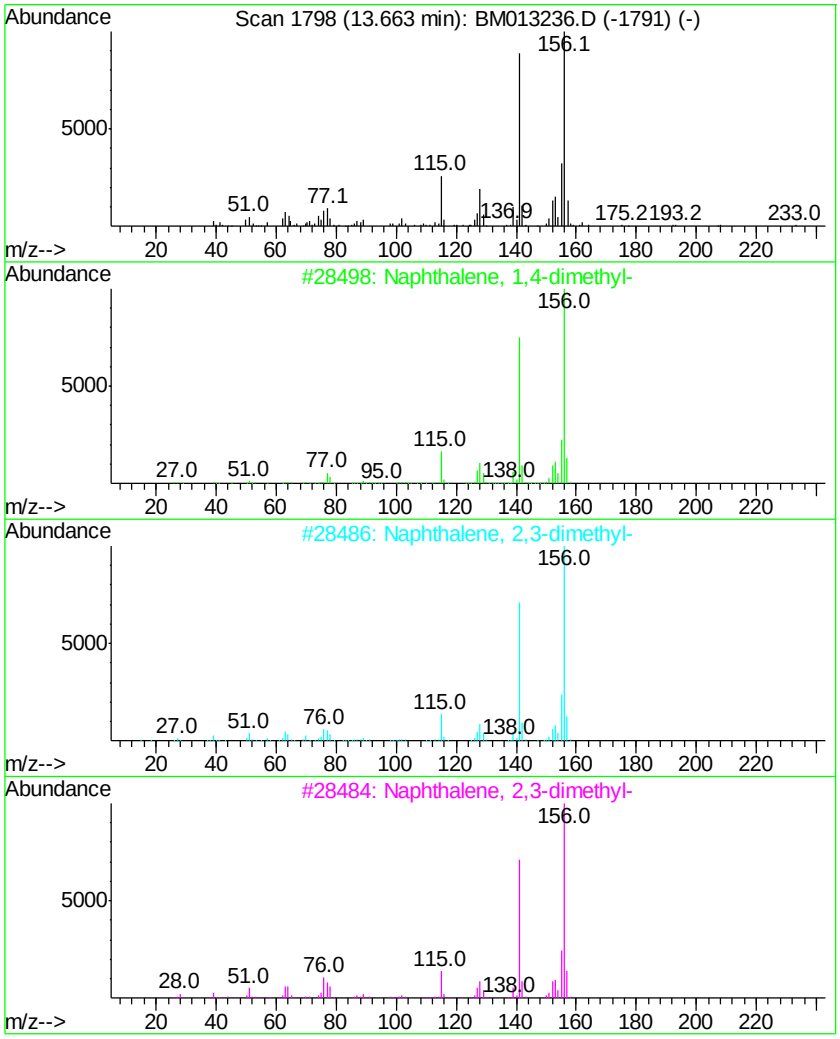
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

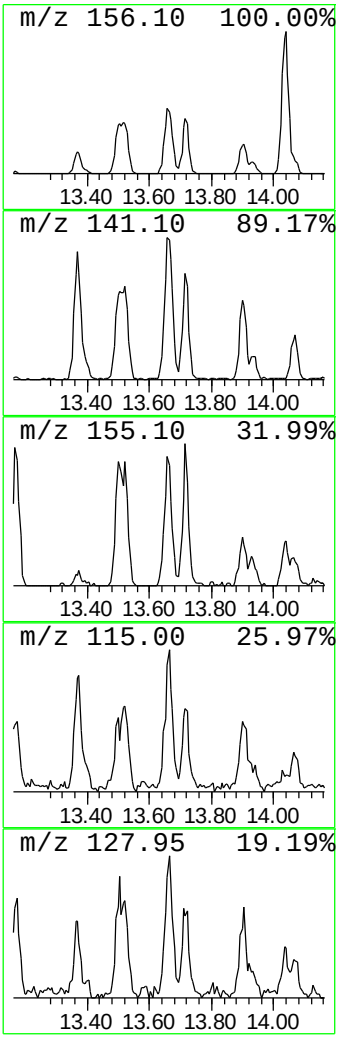
****

Peak Number 7 Naphthalene, 1,4-dimethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	2.28 ng/ul	619681	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95





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Operator : SJ/JU
Sample : I6713-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE1B2

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Quant Title : SVOA CALIBRATION

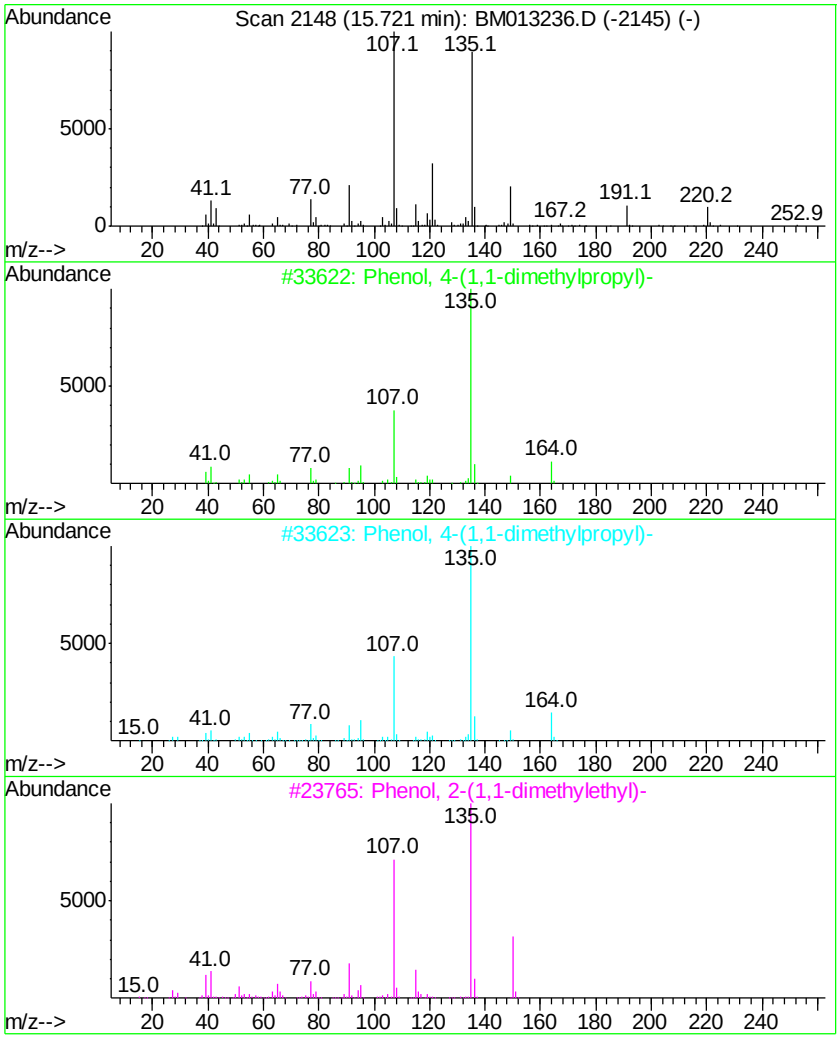
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

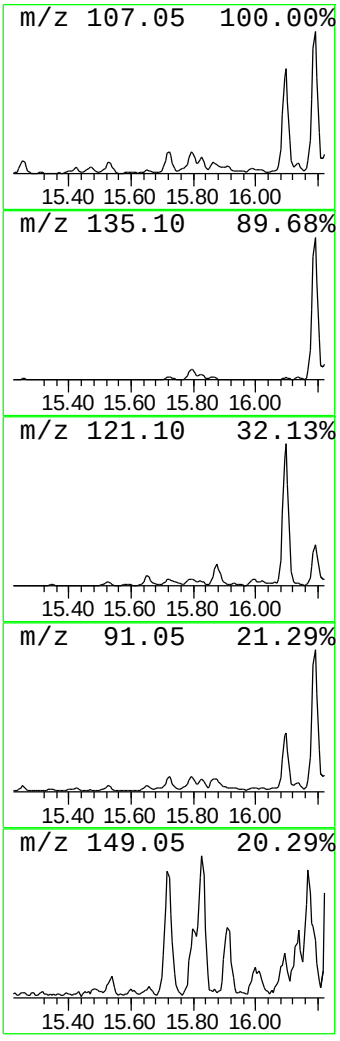
****

Peak Number 8 Phenol, 4-(1,1-dimethylprop... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	3.94 ng/ul	898425	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	72
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	72
3	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	59
4	Phenol, 2,3,5,6-tetramethyl-	150	C10H14O	000527-35-5	38
5	Methanol, (cyclohexyl)(2,3-dimet...	218	C15H22O	349498-47-1	38





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Misc :
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Instrument : BNA_M
ClientSampleId : BE1B2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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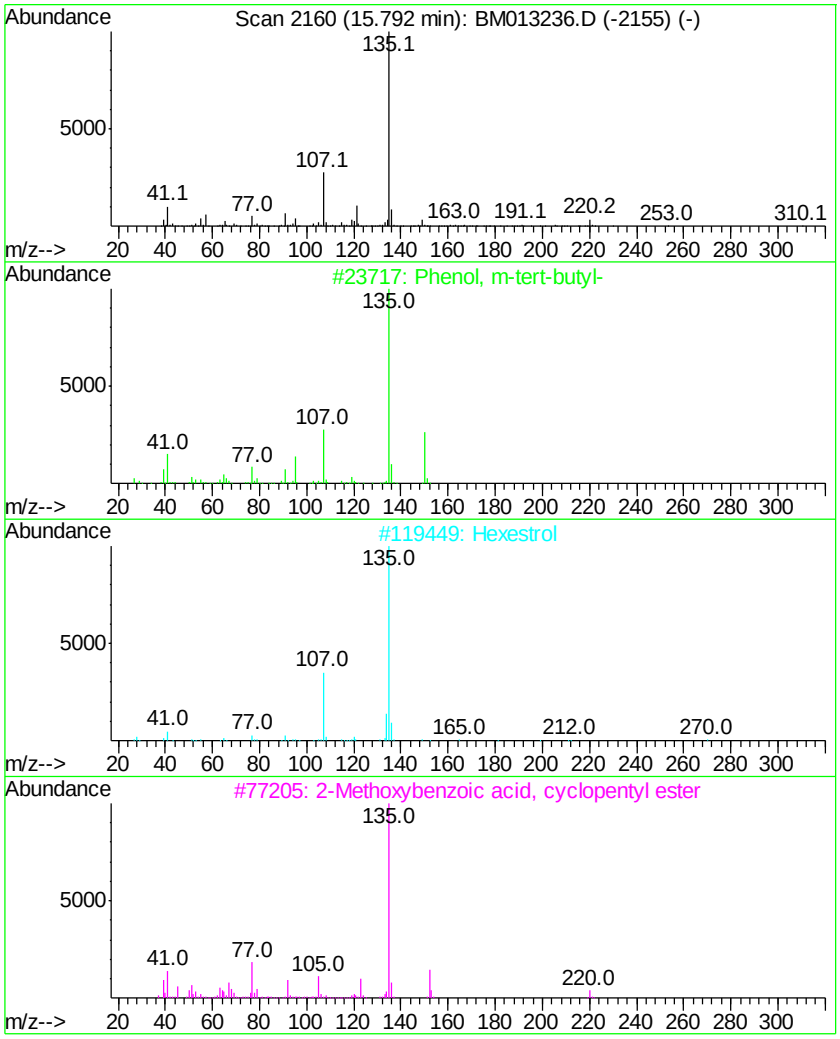
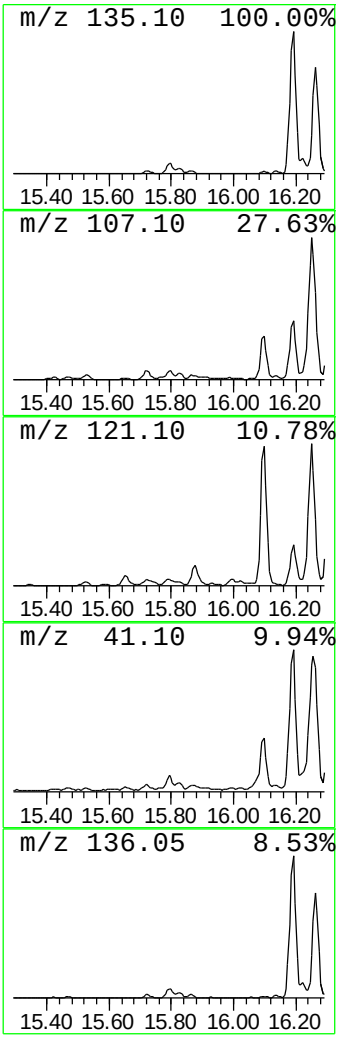
Peak Number 9 Phenol, m-tert-butyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	7.09 ng/ul	1619800	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	72
2	Hexestrol	270	C18H22O2	000084-16-2	64
3	2-Methoxybenzoic acid, cyclopent...	220	C13H16O3	1000293-30-7	59
4	1-Adamantanecarboxylic acid, 2-p...	220	C14H20O2	107144-95-6	58
5	Thymol	150	C10H14O	000089-83-8	53





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Sample : I6713-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE1B2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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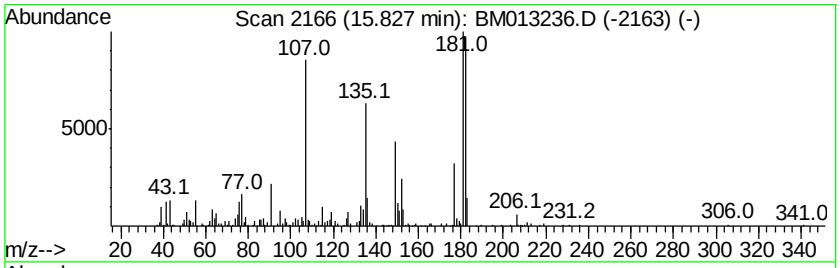
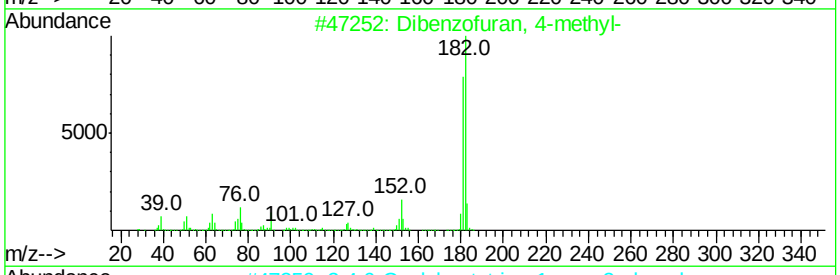
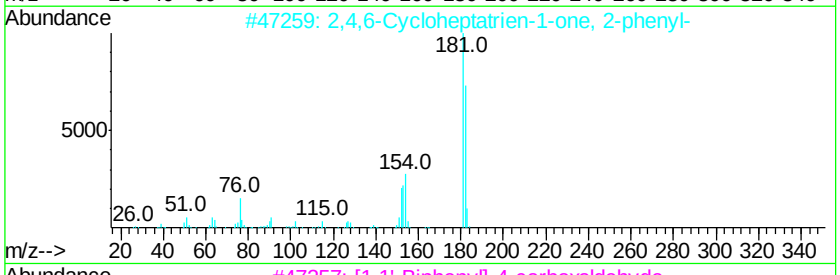
Peak Number 10 Dibenzofuran, 4-methyl- Concentration Rank 23

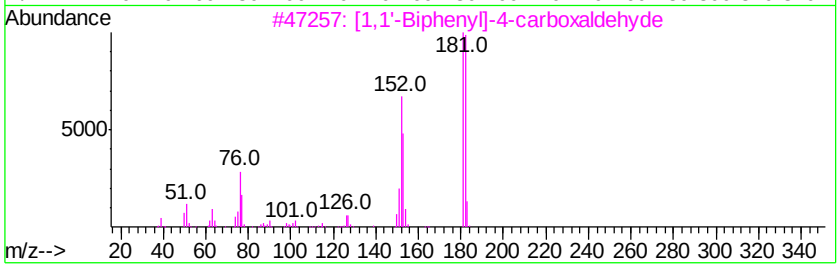
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	4.92 ng/ul	1123960	Phenanthrene-d10	17.10

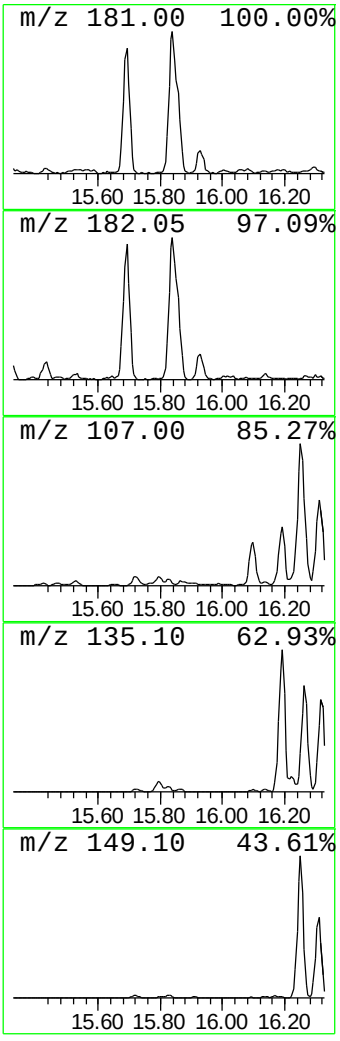
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	50
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	43
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	38
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	38
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	38











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Sample : I6713-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE1B2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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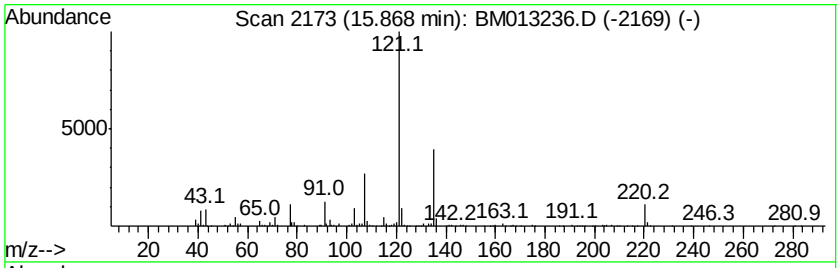
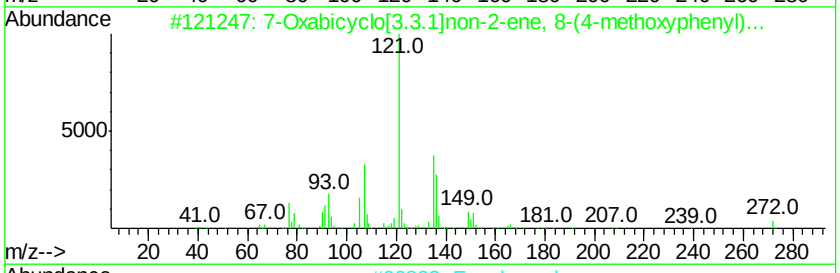
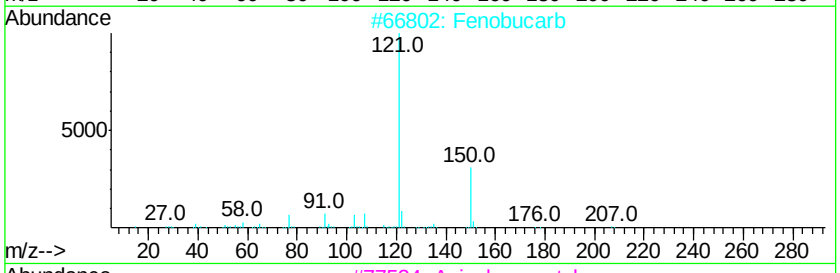
Peak Number 11 7-Oxabicyclo[3.3.1]non-2-en... Concentration Rank 25

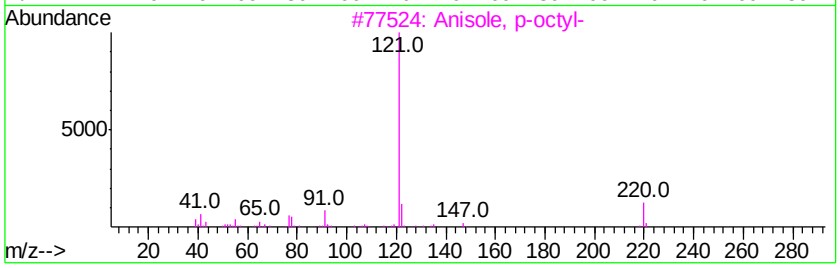
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	4.09 ng/ul	934332	Phenanthrene-d10	17.10

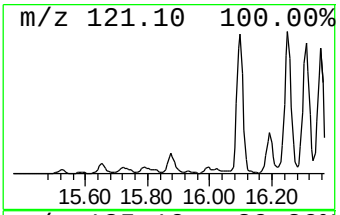
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxabicyclo[3.3.1]non-2-ene, 8-...	272	C18H24O2	1000264-58-5	56
2	Fenobucarb	207	C12H17NO2	003766-81-2	52
3	Anisole, p-octyl-	220	C15H24O	003307-19-5	49
4	Phenol, 2-(1-methylethyl)-, acetate	178	C11H14O2	001608-68-0	47
5	Fenobucarb	207	C12H17NO2	003766-81-2	47

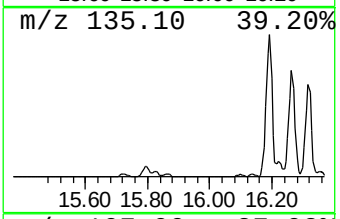


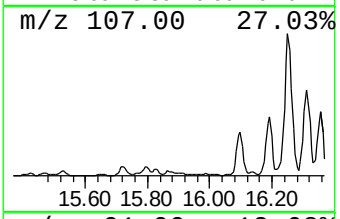


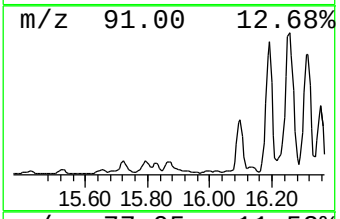


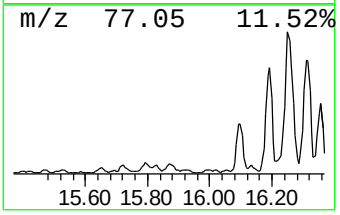












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Sample : I6713-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE1B2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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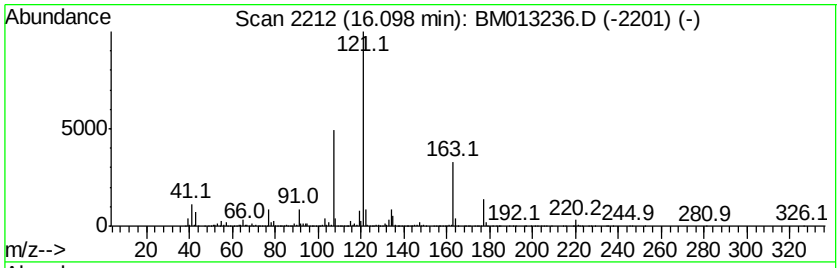
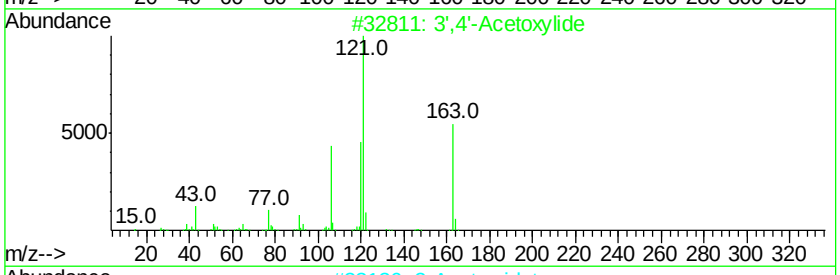
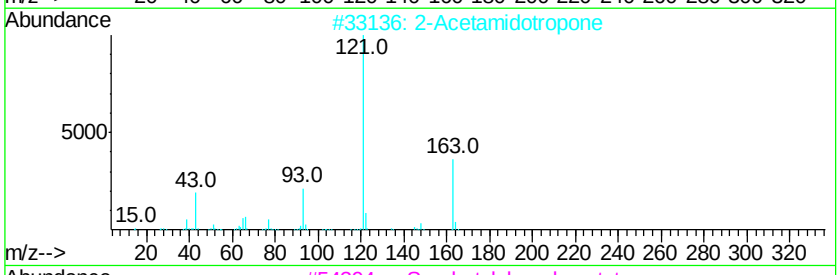
Peak Number 12 3',4'-Acetoxylide Concentration Rank 8

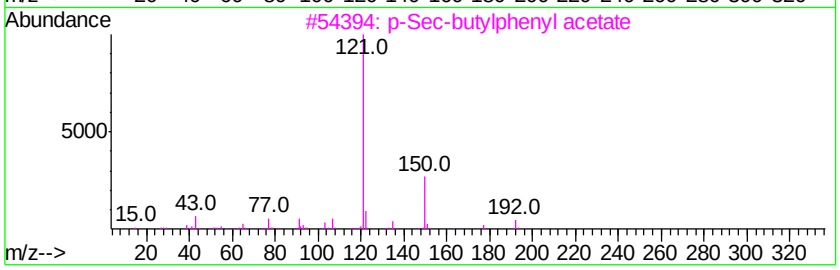
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	38.19 ng/ul	8718590	Phenanthrene-d10	17.10

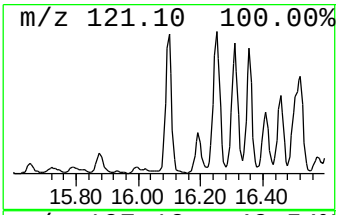
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3',4'-Acetoxylide	163	C10H13NO	002198-54-1	52
2	2-Acetamidotropone	163	C9H9NO2	006422-12-4	47
3	p-Sec-butylphenyl acetate	192	C12H16O2	003245-24-7	43
4	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	43
5	2-Propanone, 1-(4-methoxyphenyl)-	164	C10H12O2	000122-84-9	43

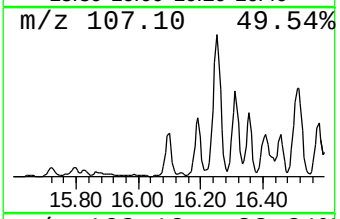


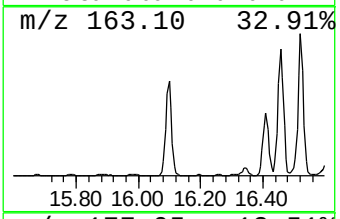


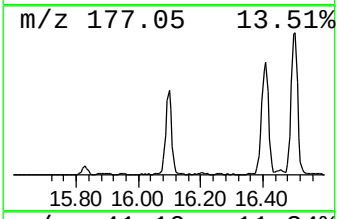


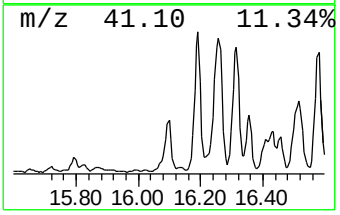












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Sample : I6713-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE1B2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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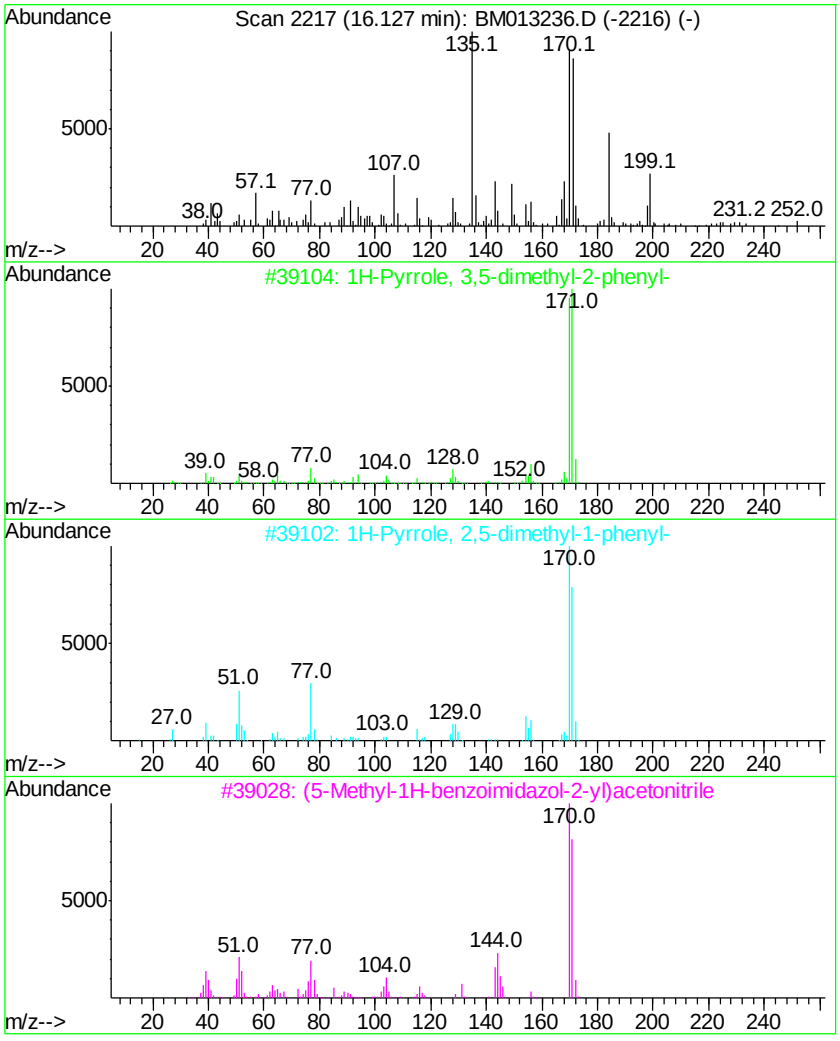
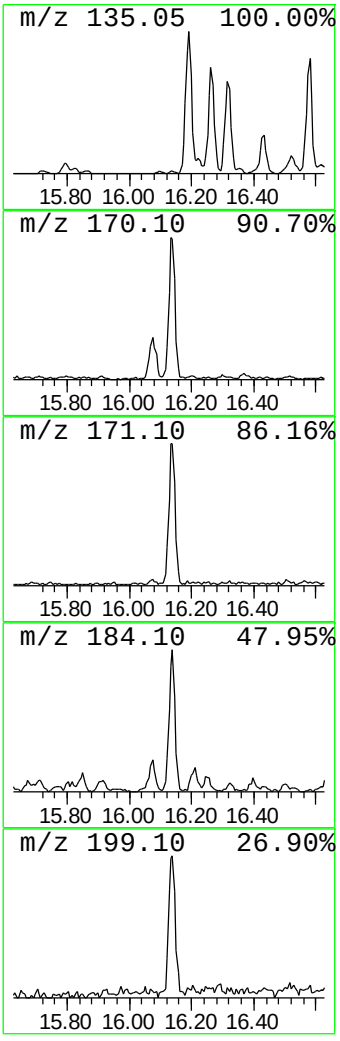
Peak Number 13 unknown-02 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	4.52 ng/ul	1031370	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrrole, 3,5-dimethyl-2-phenyl-	171	C12H13N	003274-53-1	46
2	1H-Pyrrole, 2,5-dimethyl-1-phenyl-	171	C12H13N	000083-24-9	41
3	(5-Methyl-1H-benzoimidazol-2-yl)...	171	C10H9N3	1000315-92-6	30
4	2-Phenyl-3-formyl-pyrrole	171	C11H9NO	052179-71-2	30
5	Quinoline, 2,3,4-trimethyl-	171	C12H13N	002437-72-1	25





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Misc :
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ClientSampleId : BE1B2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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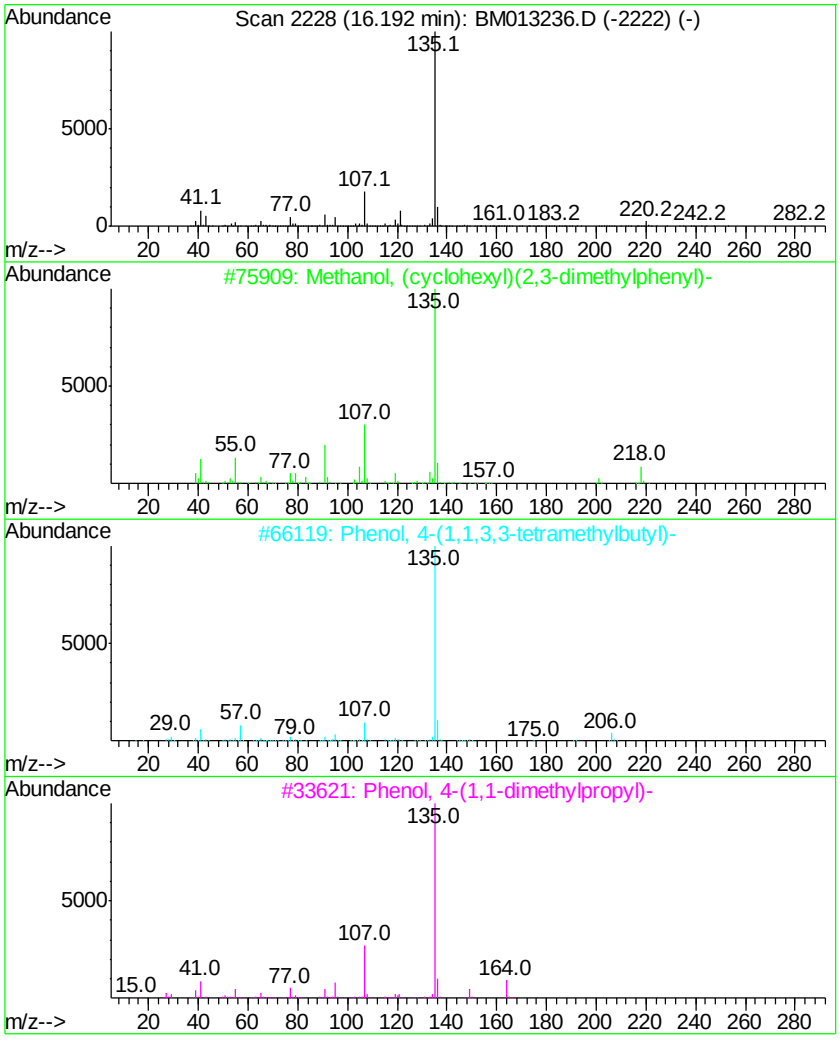
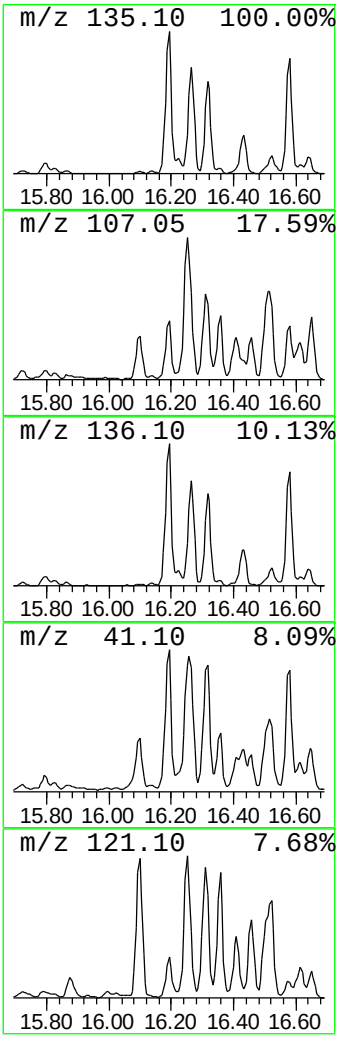
Peak Number 14 Methanol, (cyclohexyl)(2,3-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	78.30 ng/ul	17877200	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanol, (cyclohexyl)(2,3-dimet...	218	C15H22O	349498-47-1	80
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
3	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
4	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	72
5	1,4-Benzoxazepin-3(2H)-one, 9-am...	192	C10H12N2O2	1000337-73-1	72





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Instrument : BNA_M
ClientSampleId : BE1B2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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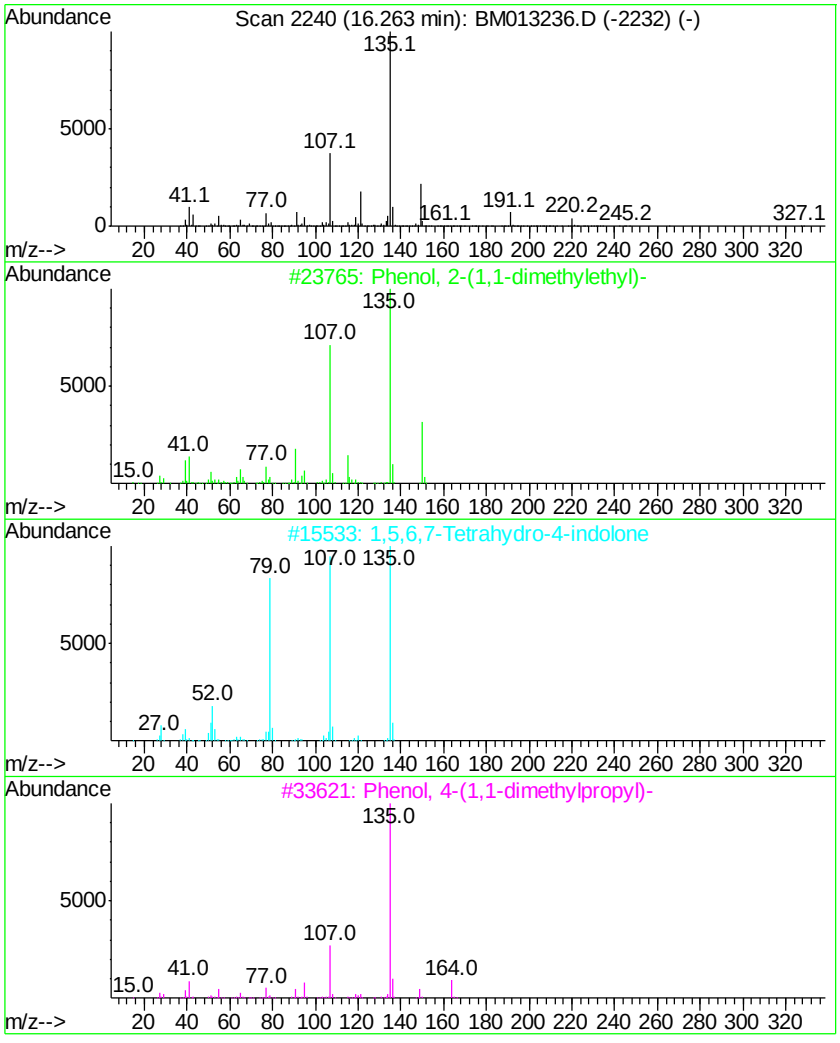
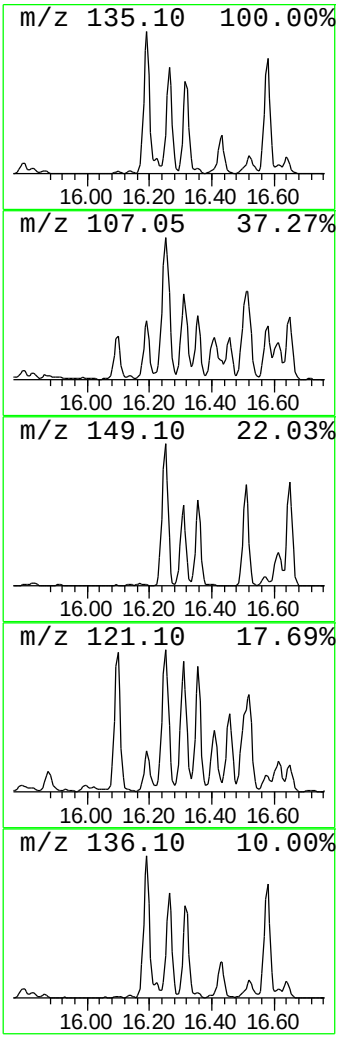
Peak Number 15 Phenol, 2-(1,1-dimethylethyl)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.26	135.02 ng/ul	30824900	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	52
2	1,5,6,7-Tetrahydro-4-indolone	135	C8H9NO	013754-86-4	50
3	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	50
4	1H-Indole, 5-fluoro-	135	C8H6FN	000399-52-0	38
5	Butanamide, N-(2-methylphenyl)-3...	191	C11H13NO2	000093-68-5	30





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Operator : SJ/JU
Sample : I6713-04
Misc :
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ClientSampleId : BE1B2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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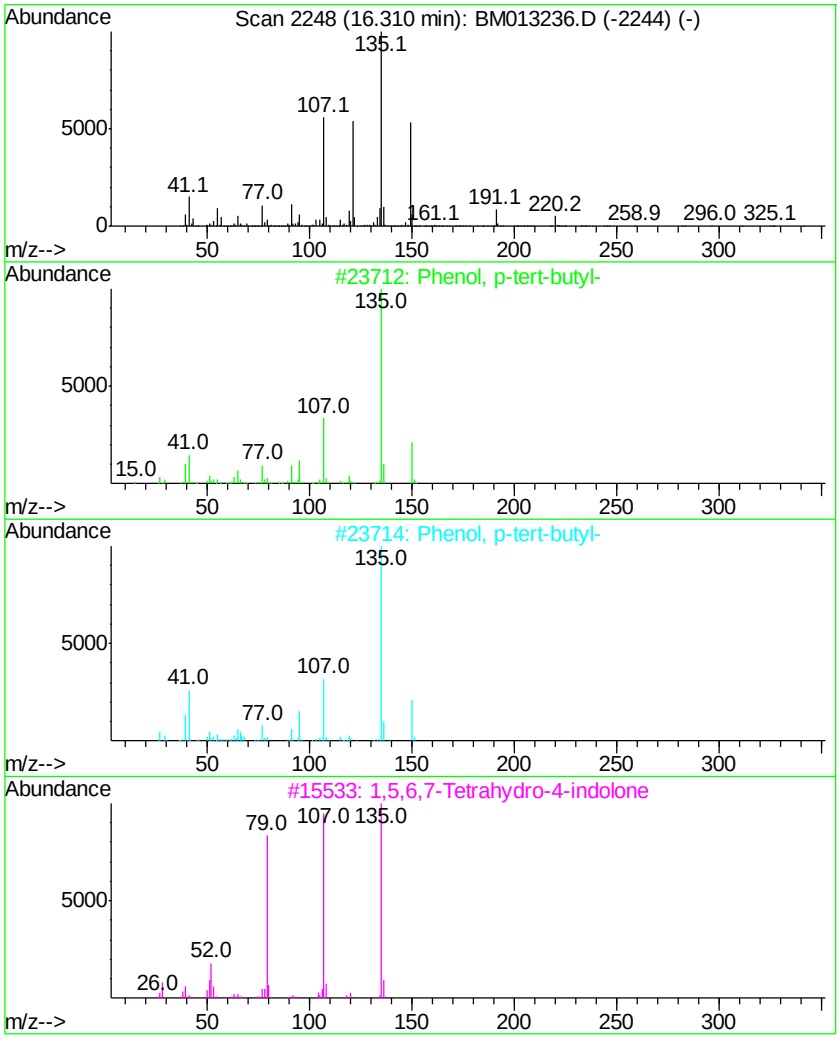
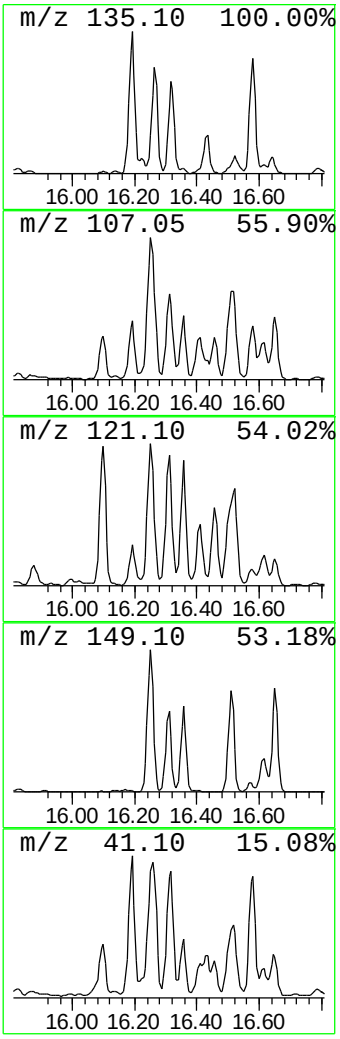
Peak Number 16 Phenol, p-tert-butyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.31	91.94 ng/ul	20989500	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	64
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	58
3	1,5,6,7-Tetrahydro-4-indolone	135	C8H9NO	013754-86-4	50
4	Hexestrol, O-trifluoroacetyl-	366	C20H21F3O3	1000365-31-7	50
5	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	50





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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE1B2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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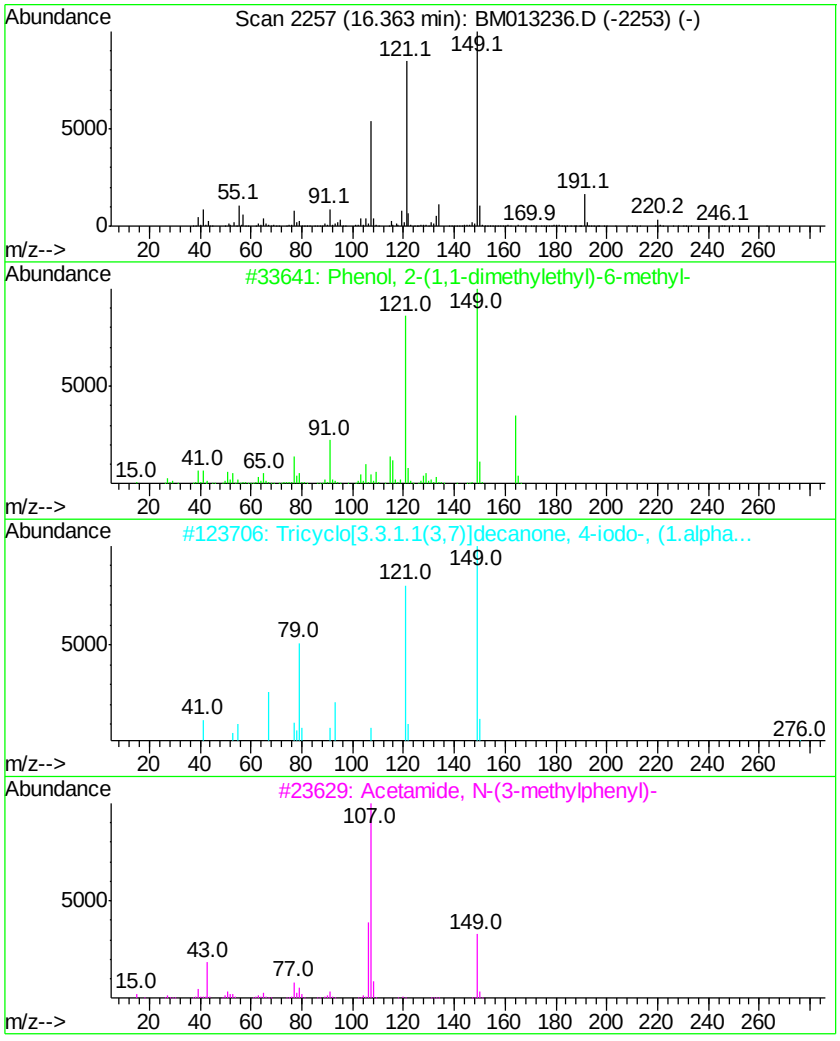
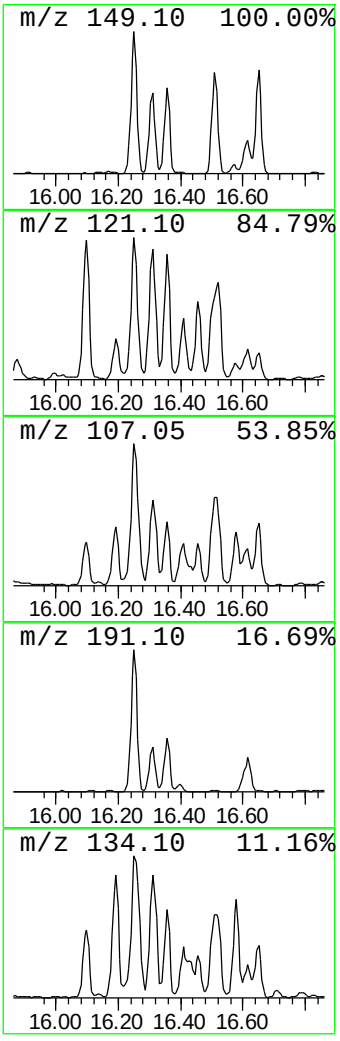
Peak Number 17 Phenol, 2-(1,1-dimethylethy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.36	42.02 ng/ul	9593140	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-6-...	164	C11H16O	002219-82-1	53
2	Tricyclo[3.3.1.1(3,7)]decanone, ...	276	C10H13IO	056781-85-2	53
3	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	38
4	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	38
5	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	35





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Instrument : BNA_M
ClientSampleId : BE1B2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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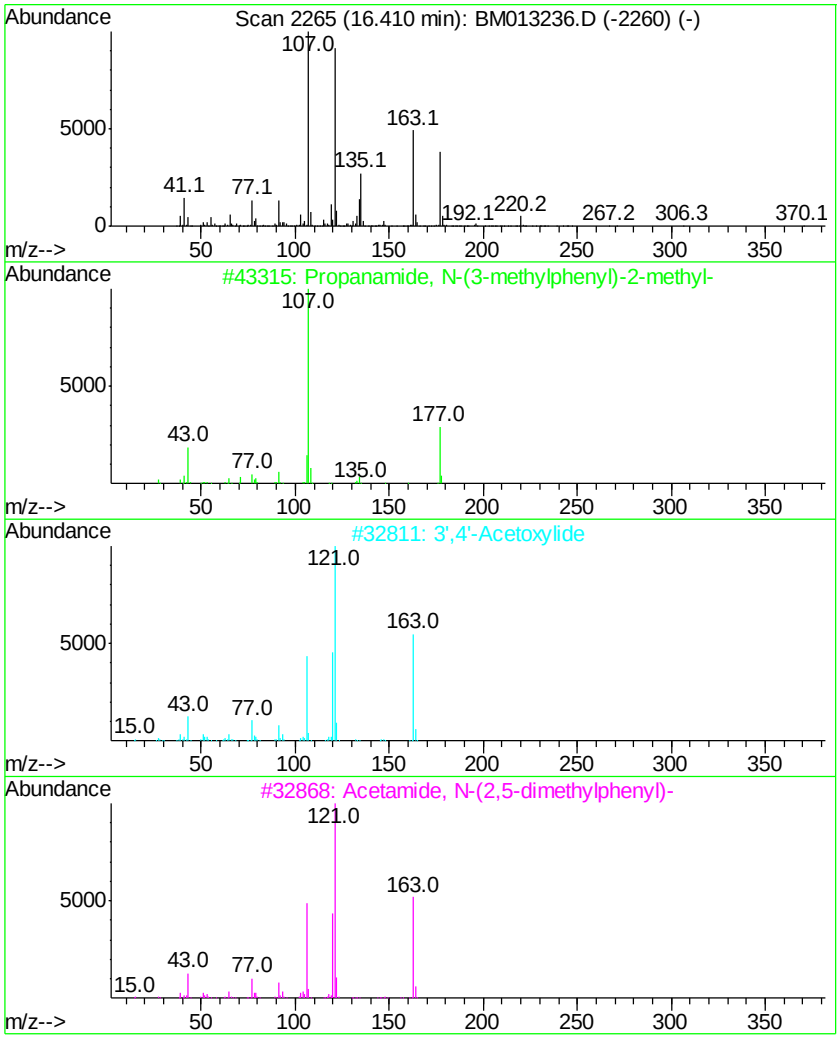
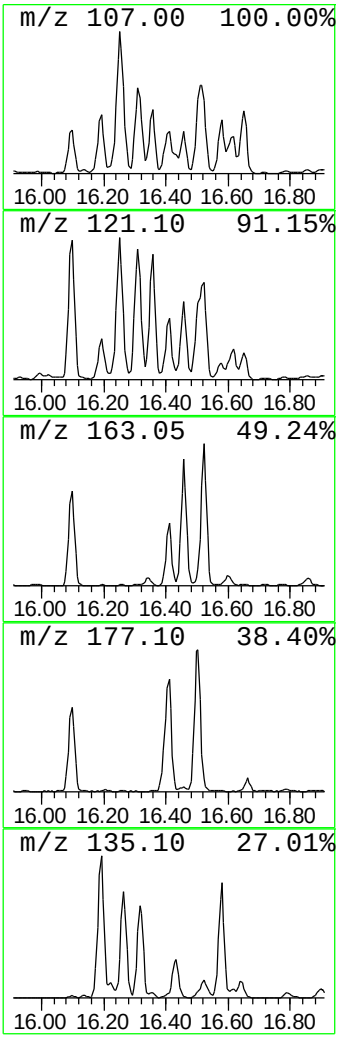
Peak Number 18 unknown-03 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	29.26 ng/ul	6680820	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanamide, N-(3-methylphenyl)-...	177	C11H15NO	1000307-32-0	30
2	3',4'-Acetoxylide	163	C10H13NO	002198-54-1	30
3	Acetamide, N-(2,5-dimethylphenyl)-	163	C10H13NO	002050-44-4	27
4	Oxalic acid, 2-isopropylphenyl p...	250	C14H18O4	1000309-56-1	22
5	1,4-Cyclohexadiene, 3,3,6,6-tetr...	136	C10H16	002223-54-3	18





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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE1B2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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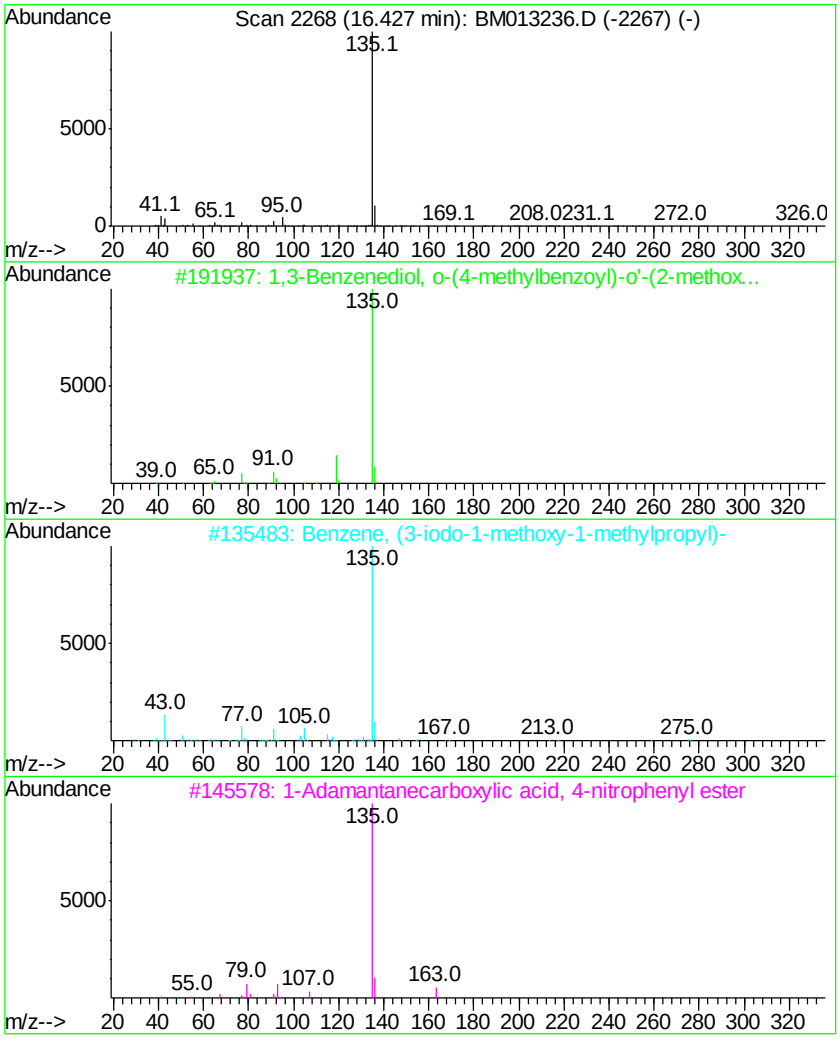
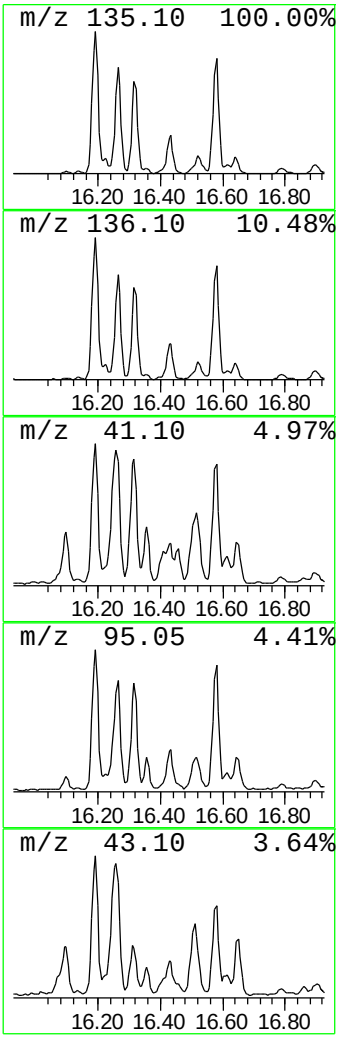
Peak Number 19 unknown-04 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	19.60 ng/ul	4473750	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenediol, o-(4-methylbenz...	362	C22H18O5	1000330-77-7	40
2	Benzene, (3-iodo-1-methoxy-1-met...	290	C11H15IO	1000327-38-7	40
3	1-Adamantanecarboxylic acid, 4-n...	301	C17H19NO4	1000307-66-5	39
4	Heptafluorobutanoic acid, 1-adam...	362	C15H17F7O2	1000282-96-9	9
5	Benzoic acid, 4-methoxy-, phenyl...	228	C14H12O3	004181-97-9	9





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ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE1B2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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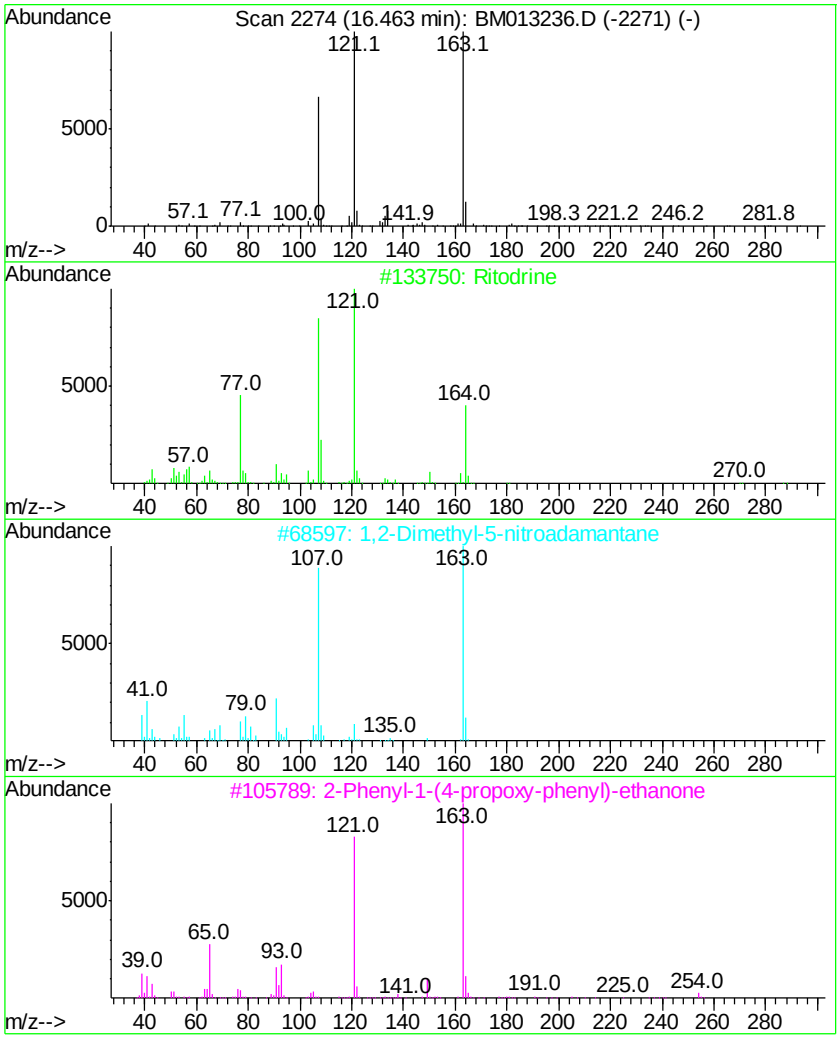
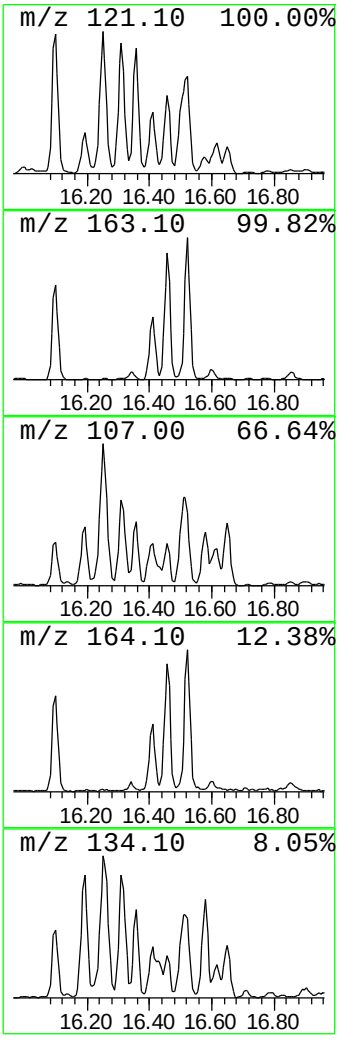
Peak Number 20 Ritodrine Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	21.14 ng/ul	4826730	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ritodrine	287	C17H21NO3	026652-09-5	50
2	1,2-Dimethyl-5-nitroadamantane	209	C12H19NO2	006588-68-7	40
3	2-Phenyl-1-(4-propoxy-phenyl)-et...	254	C17H18O2	063192-18-7	38
4	2,6-Dimethoxybenzonitrile	163	C9H9NO2	016932-49-3	27
5	Phenol, 4-(3-hydroxy-1-propenyl)-	150	C9H10O2	003690-05-9	27





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ClientSampleId : BE1B2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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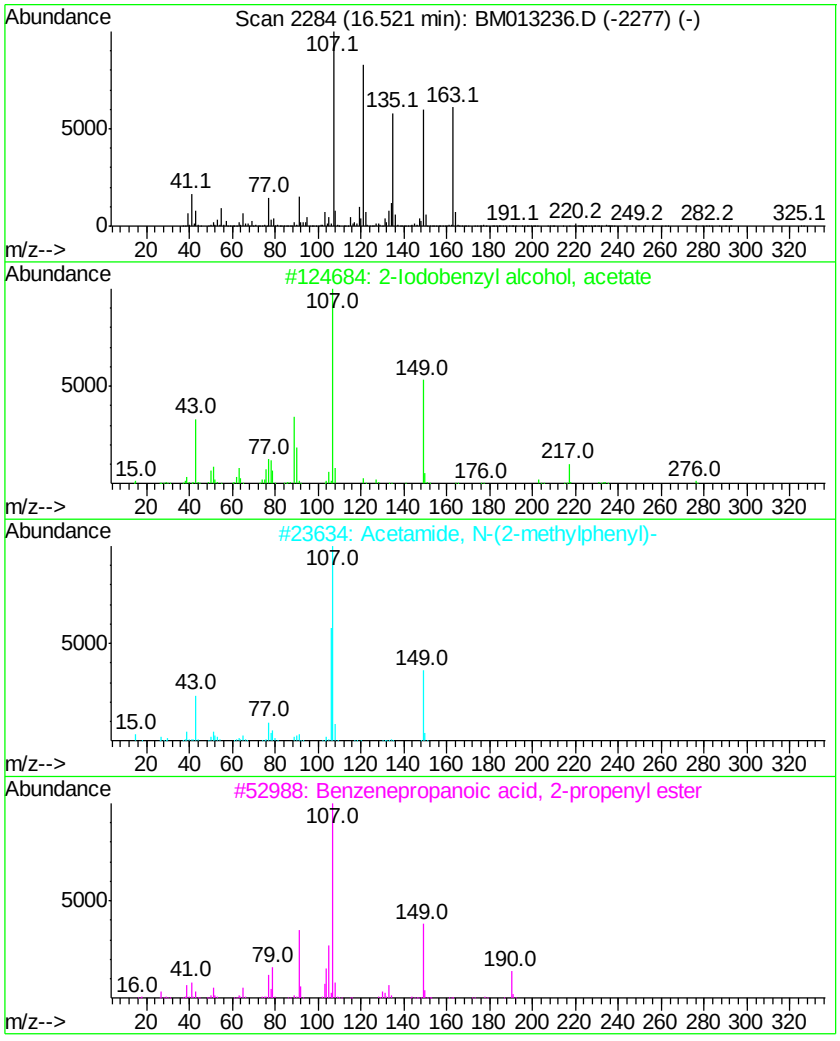
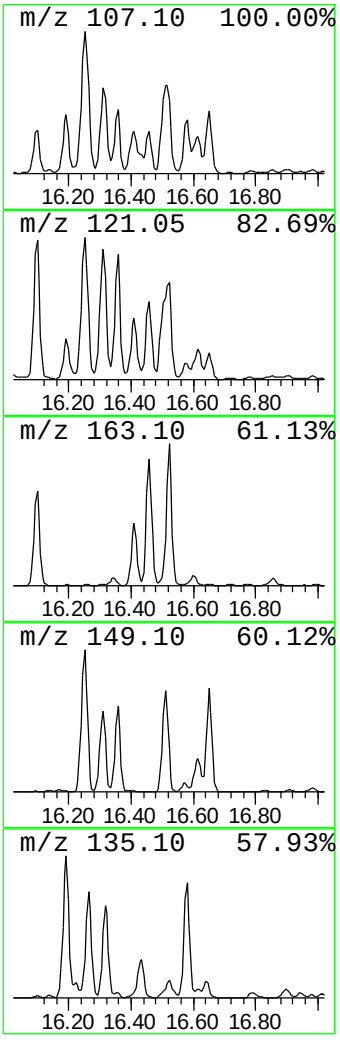
Peak Number 21 2-Iodobenzyl alcohol, acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	80.74 ng/ul	18433000	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Iodobenzyl alcohol, acetate	276	C9H9IO2	1000364-47-1	53
2	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	50
3	Benzenepropanoic acid, 2-propenyl...	190	C12H14O2	015814-45-6	38
4	Acetamide, N-(4-methylphenyl)-	149	C9H11NO	000103-89-9	38
5	Acetamide, N-(4-methylphenyl)-	149	C9H11NO	000103-89-9	35





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Misc :
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Instrument : BNA_M
ClientSampleId : BE1B2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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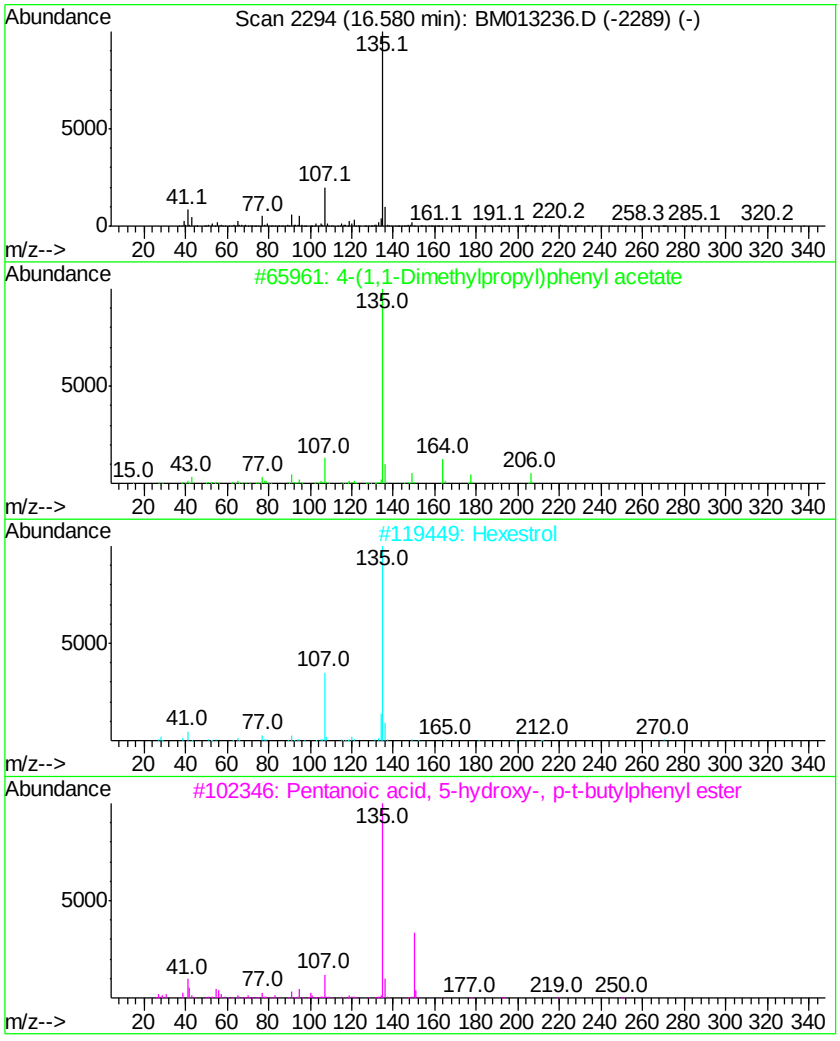
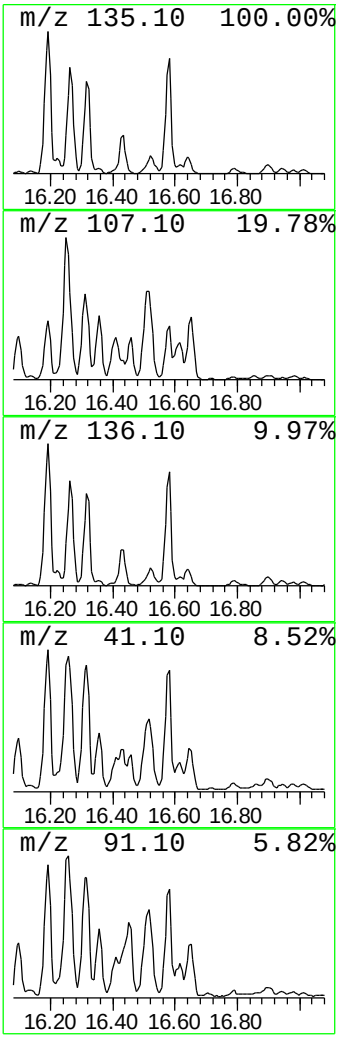
Peak Number 22 4-(1,1-Dimethylpropyl)pheny... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.58	63.37 ng/ul	14467700	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	74
2	Hexestrol	270	C18H22O2	000084-16-2	72
3	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	72
4	Methanol, (cyclohexyl)(2,3-dimet...	218	C15H22O	349498-47-1	72
5	Hexestrol	270	C18H22O2	005635-50-7	72





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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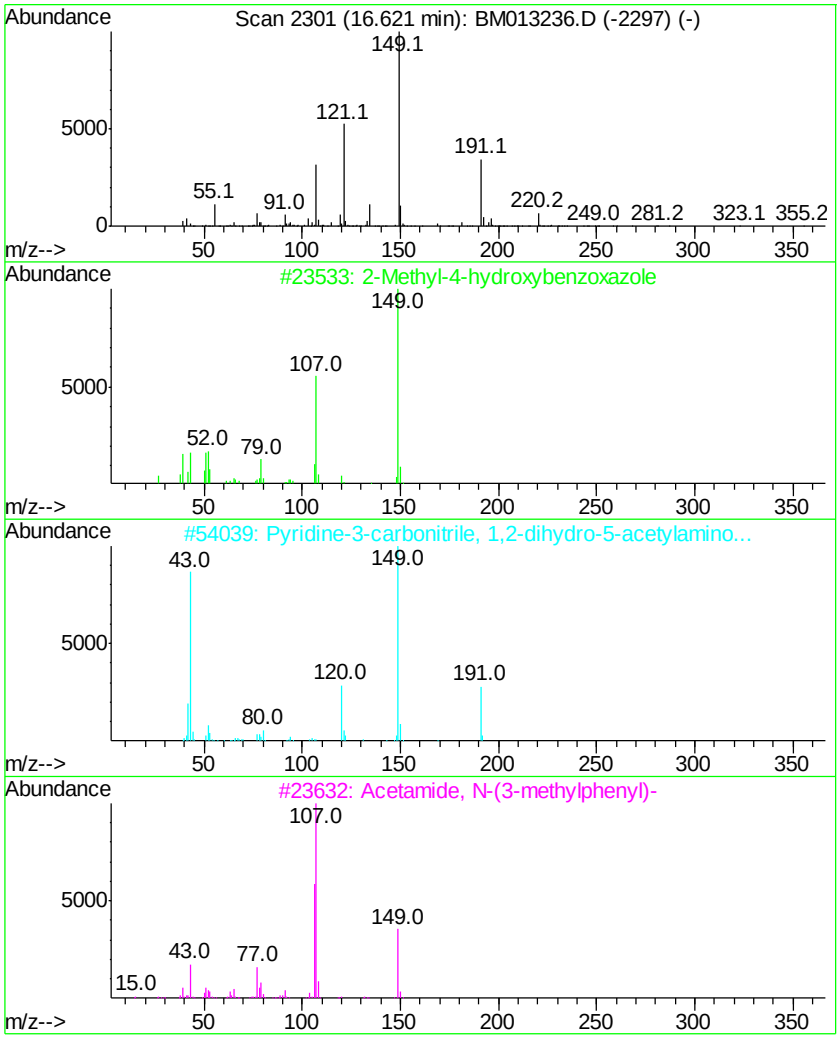
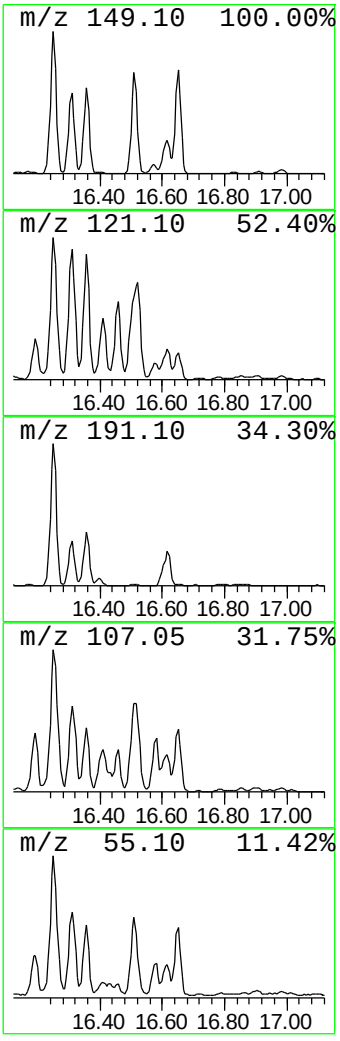
Peak Number 23 2-Methyl-4-hydroxybenzoxazole Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	22.34 ng/ul	5099790	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	53
2	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	52
3	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	43
4	1,2-propanedione,1-(3,4-methylen...	192	C10H8O4	1000378-93-0	43
5	3-Ethoxybenzhydrazide	180	C9H12N2O2	027830-16-6	43





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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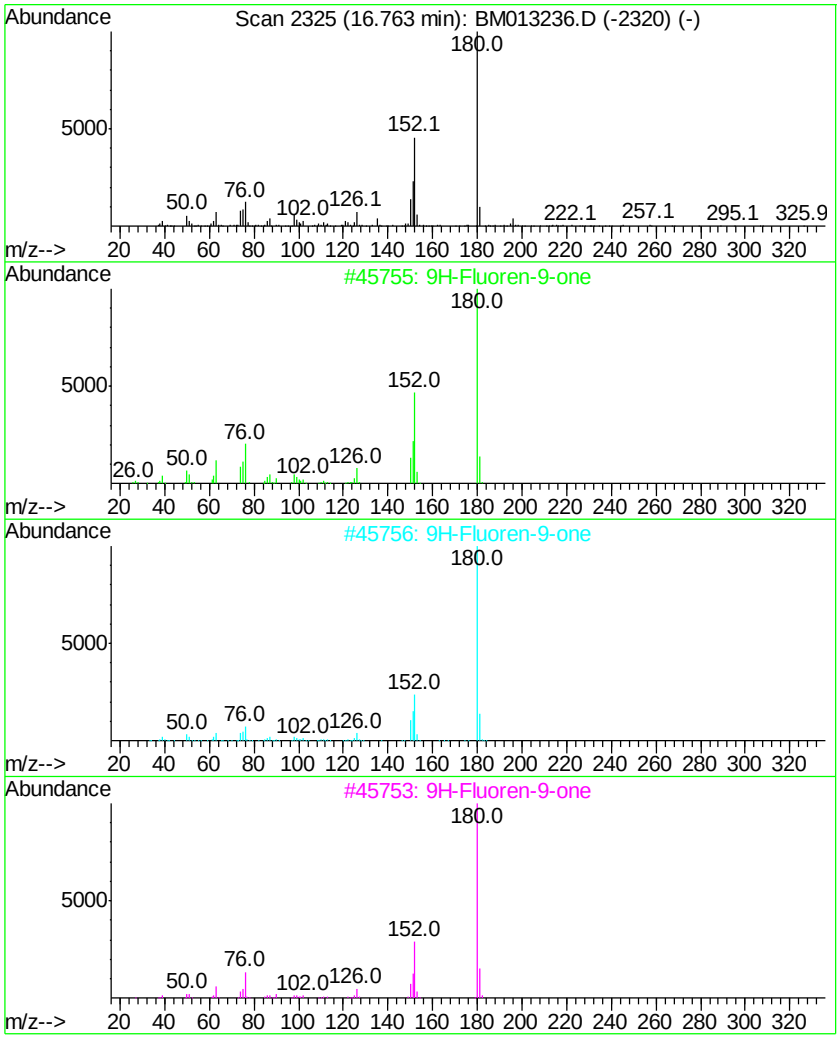
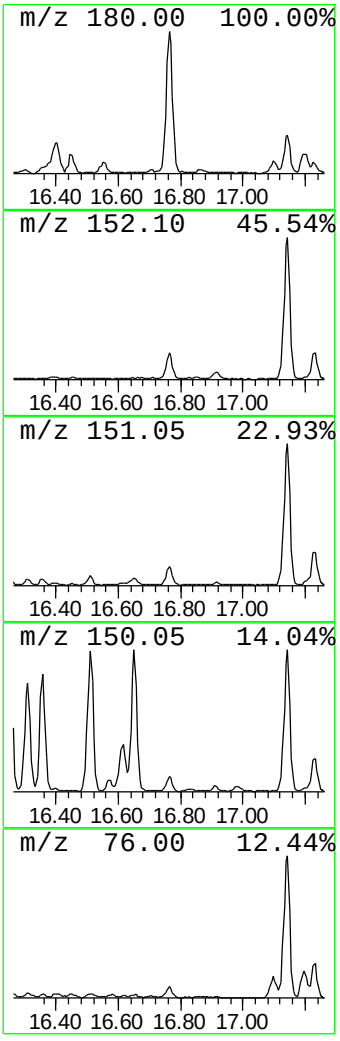
Peak Number 25 9H-Fluoren-9-one Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	3.02 ng/ul	690424	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	83
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	72





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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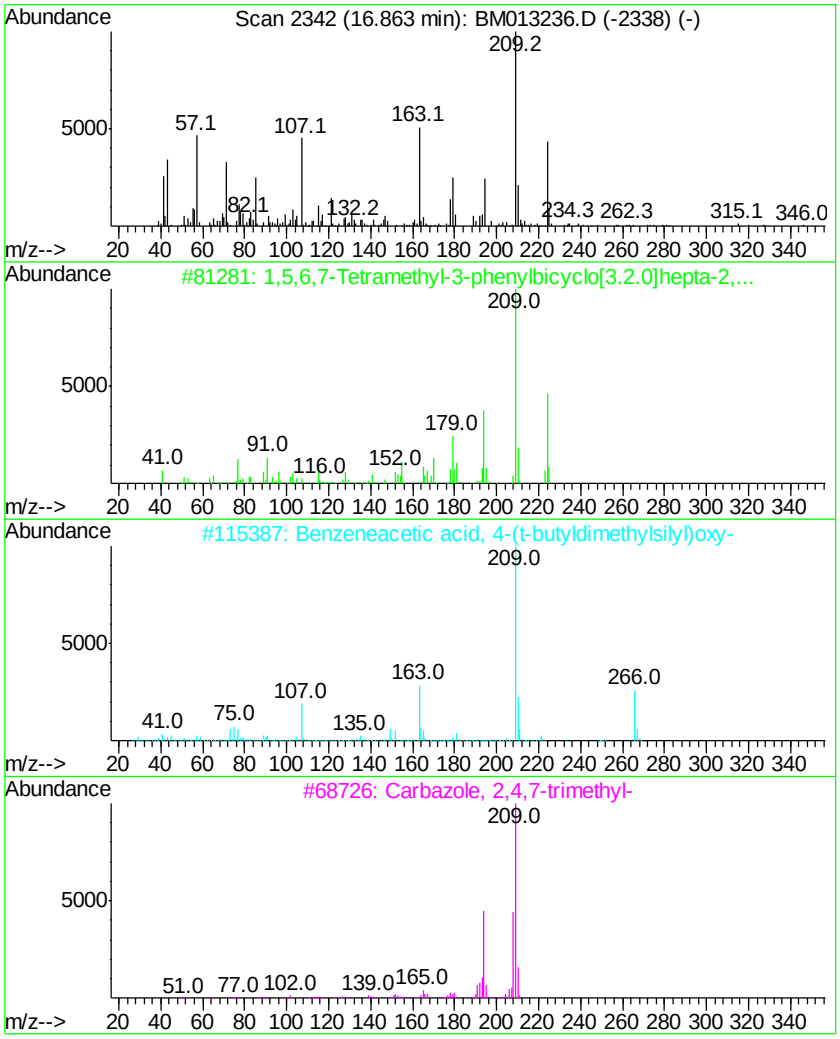
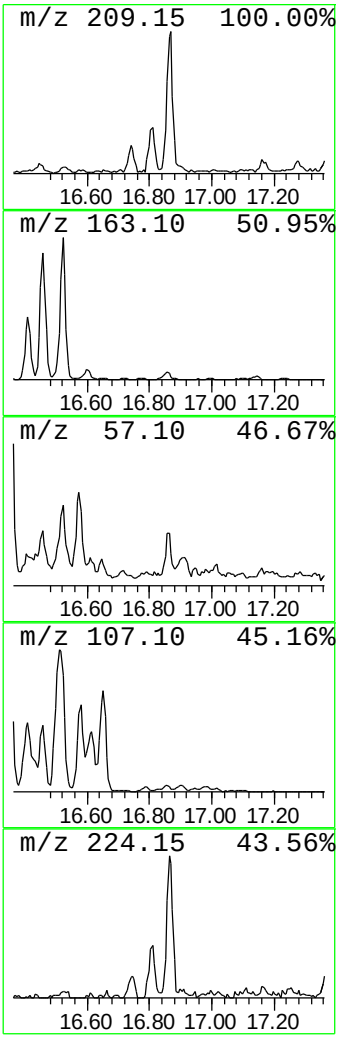
Peak Number 26 unknown-05 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.86	4.03 ng/ul	920914	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5,6,7-Tetramethyl-3-phenylbicyv...	224	C17H20	126584-00-7	43
2	Benzeneacetic acid, 4-(t-butyldi...	266	C14H22O3Si	114774-40-2	38
3	Carbazole, 2,4,7-trimethyl-	209	C15H15N	078787-89-0	35
4	Carbazole, 1,5,7-trimethyl-	209	C15H15N	078787-84-5	27
5	Carbazole, 2,3,5-trimethyl-	209	C15H15N	078787-85-6	27





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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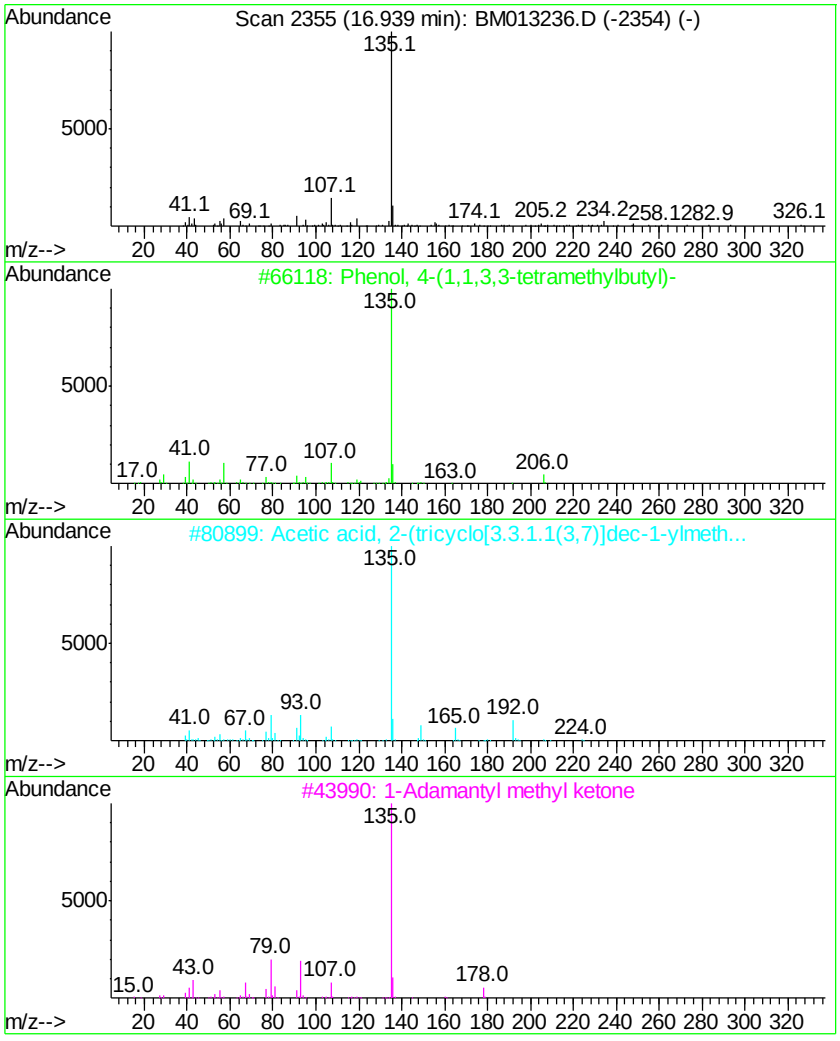
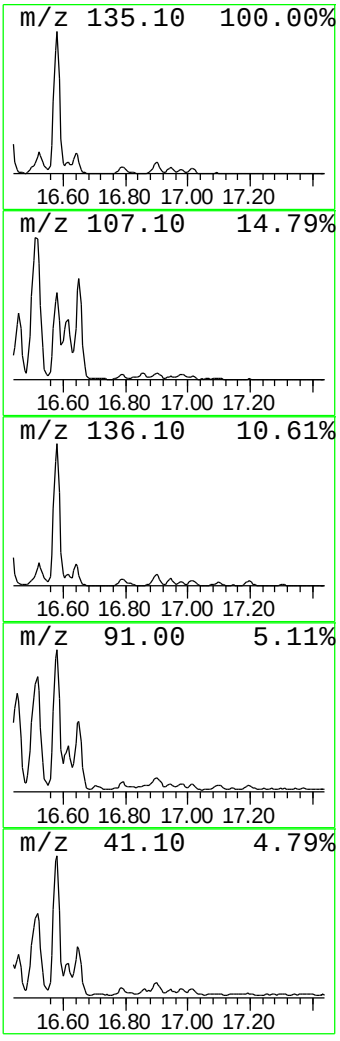
Peak Number 28 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.94	2.45 ng/ul	558331	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	72
2	Acetic acid, 2-(tricyclo[3.3.1.1...	224	C13H20O3	1000337-87-6	64
3	1-Adamantyl methyl ketone	178	C12H18O	001660-04-4	64
4	1-Adamantanemethanol	166	C11H18O	000770-71-8	64
5	1-sec-Butyladamantane	192	C14H24	014449-42-4	64





Library Search Compound Report

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Data File : BM013236.D
Acq On : 07 Dec 2017 07:03
Operator : SJ/JU
Sample : I6713-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE1B2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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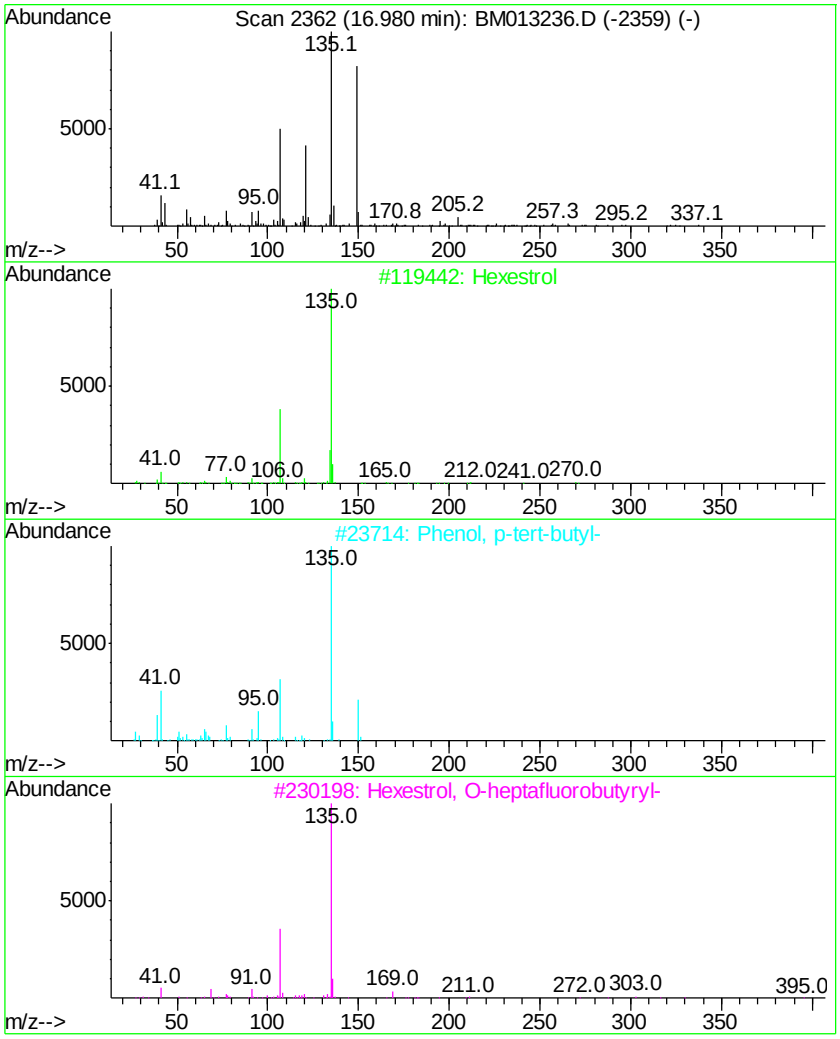
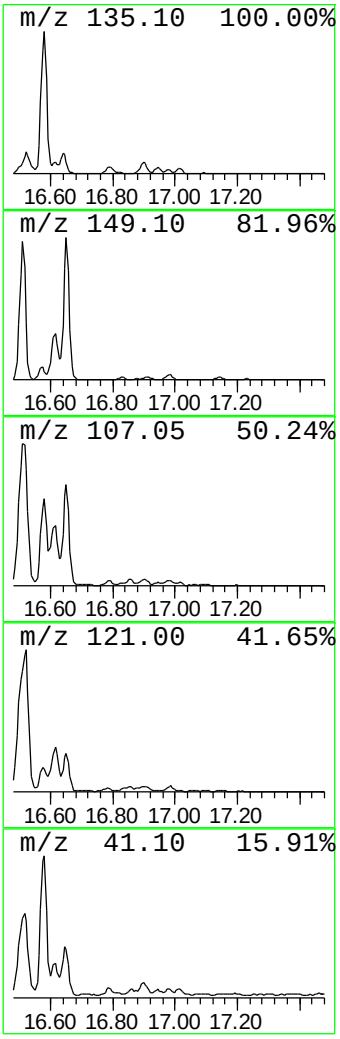
Peak Number 29 unknown-06 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.98	3.37 ng/ul	770290	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexestrol	270	C18H22O2	005635-50-7	43
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	43
3	Hexestrol, O-heptafluorobutyryl-	466	C22H21F7O3	1000365-31-9	43
4	4,6-Bis(4-ethoxybenzylthio)-5-ni...	457	C22H23N3O4S2	325957-76-4	43
5	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	38





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120617\
Data File : BM013236.D
Acq On : 07 Dec 2017 07:03
Operator : SJ/JU
Sample : I6713-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE1B2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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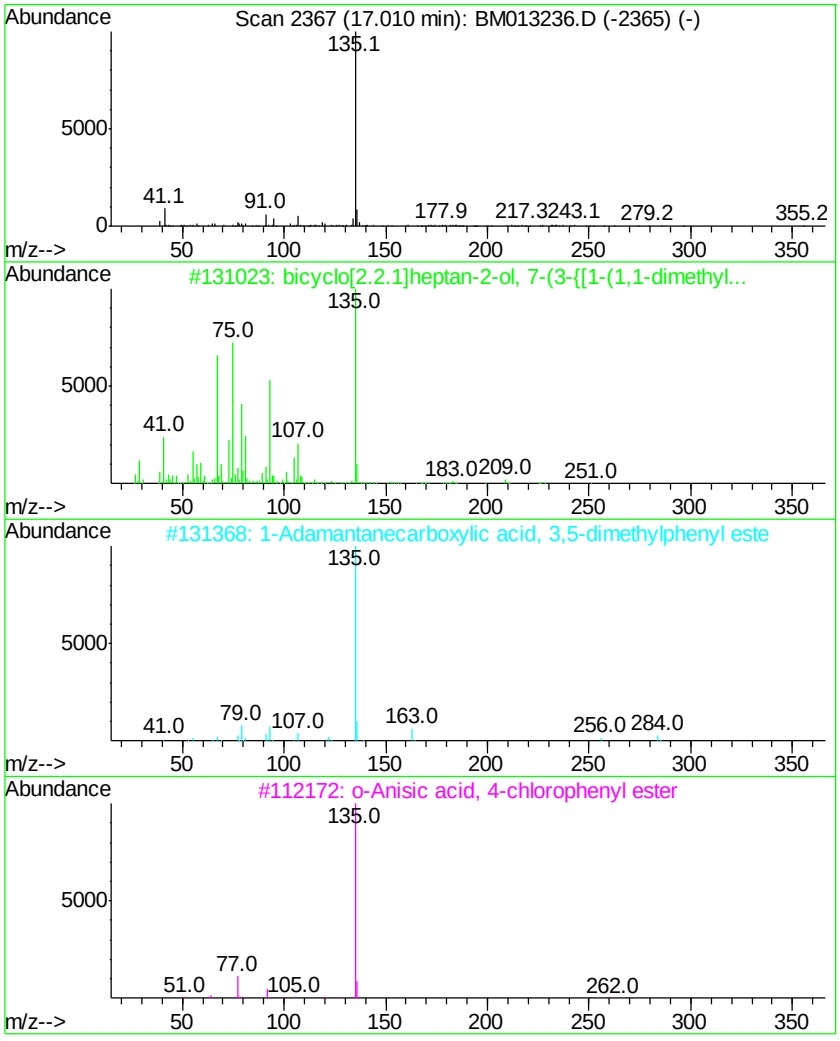
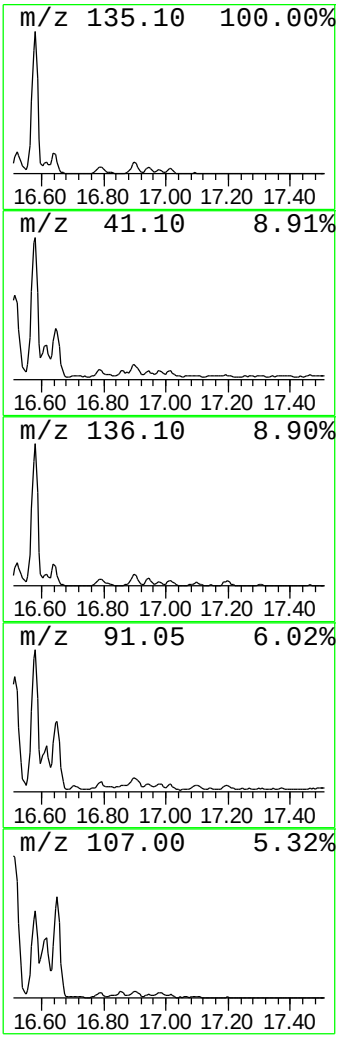
Peak Number 30 bicyclo[2.2.1]heptan-2-ol, ... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.01	2.21 ng/ul	504072	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	bicyclo[2.2.1]heptan-2-ol, 7-(3-...	284	C16H32O2Si	1000196-96-1	64
2	1-Adamantanecarboxylic acid, 3,5...	284	C19H24O2	1000307-66-1	64
3	o-Anisic acid, 4-chlorophenyl ester	262	C14H11ClO3	1000307-79-0	59
4	Hexestrol	270	C18H22O2	000084-16-2	59
5	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	56





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120617\
Data File : BM013236.D
Acq On : 07 Dec 2017 07:03
Operator : SJ/JU
Sample : I6713-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE1B2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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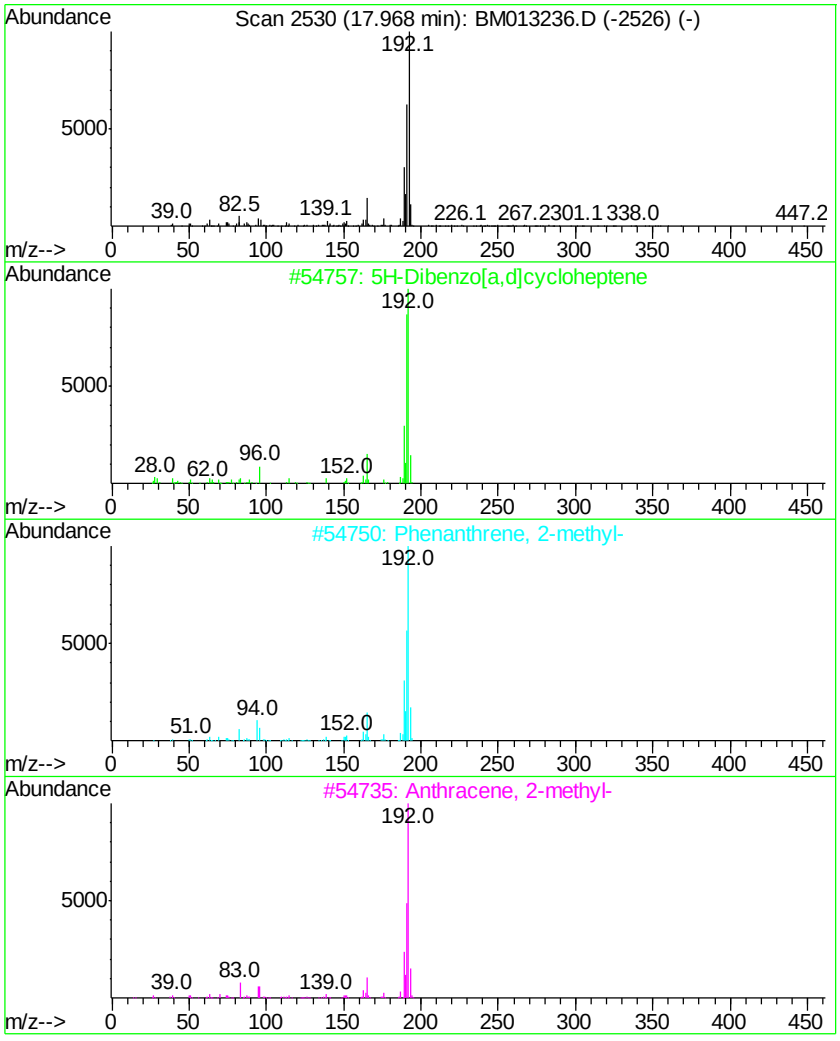
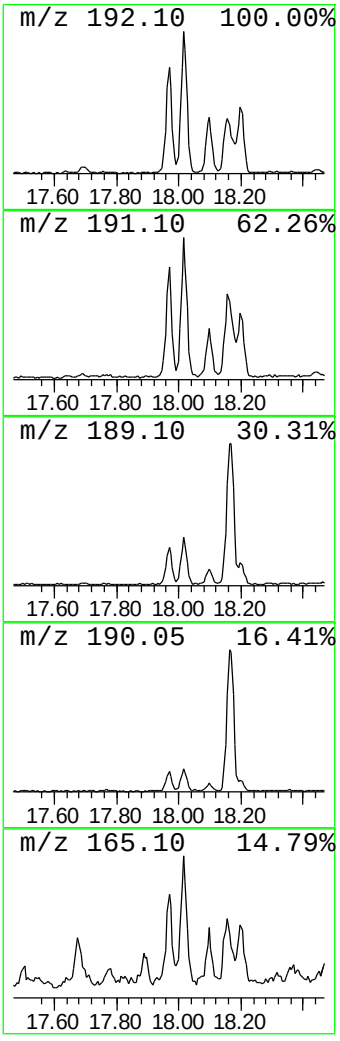
Peak Number 31 5H-Dibenzo[a,d]cycloheptene Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	2.73 ng/ul	623633	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	91
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM120617\
Data File : BM013236.D
Acq On : 07 Dec 2017 07:03
Operator : SJ/JU
Sample : I6713-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE1B2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Hexenal, 2-ethyl-	7.34	2.8	ng/ul	346986	1	7.70	2458350	20.0
unknown-01	9.09	2.7	ng/ul	335014	1	7.70	2458350	20.0
Naphthalene, 1-me...	12.37	7.9	ng/ul	1443800	2	10.49	3646610	20.0
Naphthalene, 1,6-...	13.52	2.8	ng/ul	762295	3	14.35	5443500	20.0
Naphthalene, 1,4-...	13.66	2.3	ng/ul	619681	3	14.35	5443500	20.0
Phenol, 4-(1,1-di...	15.72	3.9	ng/ul	898425	4	17.10	4566080	20.0
Phenol, m-tert-bu...	15.79	7.1	ng/ul	1619800	4	17.10	4566080	20.0
Dibenzofuran, 4-m...	15.83	4.9	ng/ul	1123960	4	17.10	4566080	20.0
7-Oxabicyclo[3.3....	15.87	4.1	ng/ul	934332	4	17.10	4566080	20.0
3',4'-Acetoxylide	16.10	38.2	ng/ul	8718590	4	17.10	4566080	20.0
unknown-02	16.13	4.5	ng/ul	1031370	4	17.10	4566080	20.0
Methanol, (cycloh...	16.19	78.3	ng/ul	17877200	4	17.10	4566080	20.0
Phenol, 2-(1,1-di...	16.26	135.0	ng/ul	30824900	4	17.10	4566080	20.0
Phenol, p-tert-bu...	16.31	91.9	ng/ul	20989500	4	17.10	4566080	20.0
Phenol, 2-(1,1-di...	16.36	42.0	ng/ul	9593140	4	17.10	4566080	20.0
unknown-03	16.41	29.3	ng/ul	6680820	4	17.10	4566080	20.0
unknown-04	16.43	19.6	ng/ul	4473750	4	17.10	4566080	20.0
Ritodrine	16.46	21.1	ng/ul	4826730	4	17.10	4566080	20.0
2-Iodobenzyl alco...	16.52	80.7	ng/ul	18433000	4	17.10	4566080	20.0
4-(1,1-Dimethylpr...	16.58	63.4	ng/ul	14467700	4	17.10	4566080	20.0
2-Methyl-4-hydrox...	16.62	22.3	ng/ul	5099790	4	17.10	4566080	20.0
9H-Fluoren-9-one	16.76	3.0	ng/ul	690424	4	17.10	4566080	20.0
unknown-05	16.86	4.0	ng/ul	920914	4	17.10	4566080	20.0
Phenol, 4-(1,1,3,...	16.94	2.5	ng/ul	558331	4	17.10	4566080	20.0
unknown-06	16.98	3.4	ng/ul	770290	4	17.10	4566080	20.0
bicyclo[2.2.1]hep...	17.01	2.2	ng/ul	504072	4	17.10	4566080	20.0
5H-Dibenzo[a,d]cy...	17.97	2.7	ng/ul	623633	4	17.10	4566080	20.0